

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial Number:

PRIVATE

6. If Indian, Allottee or Tribe Name:

N/A

1A. Type of Work:

DRILL ☒DEEPEN ☐

7. Unit Agreement Name:

N/A

B. Type of Well:

OIL ☐GAS ☒

OTHER:

SINGLE ZONE ☐MULTIPLE ZONE ☒

8. Farm or Lease Name:

HUBER-SHIMMIN TRUST

2. Name of Operator:

J. M. HUBER CORPORATION

(303) 825-7900

9. Well Number:

1 - 12

3. Address and Telephone Number:

1050 17TH ST., SUITE 1850, DENVER, CO. 80265

10. Field and Pool, or Wildcat:

CASTLE GATE

4. Location of Well (Footages)

At Surface:

1525' FSL &amp; 970' FWL

At Proposed Producing Zone:

SAME

11. Qtr/Qtr, Section, Township, Range, Meridian:

NWSW 12-12S-10E

14. Distance in miles and direction from nearest town or post office:

10 AIR MILES NE OF HELPER

12. County:

CARBON

13. State:

UTAH

15. Distance to nearest

property or lease line (feet):

1148'

16. Number of acres in lease:

800

17. Number of acres assigned to this well:

160

18. Distance to nearest well, drilling,  
completed, or applied for, on this lease (feet):

N/A

19. Proposed Depth:

4,700'

20. Rotary or cable tools:

ROTARY

21. Elevations (show whether DF, RT, GR, etc.):

7,240' UNGRADED

22. Approximate date work will start:

MAY 16, 2000

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE

GRADE, SIZE OF CASING

WEIGHT PER FOOT

SETTING DEPTH

QUANTITY OF CEMENT

12-1/4"

8-5/8" J-55

24#

500'

375 SX PREMIUM

7-7/8"

5-1/2" J-55

17#

4,700'

600 SX 50-50 POZ (DV @ 3,300')

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

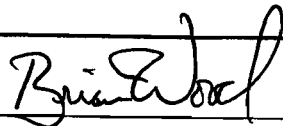
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MAY 27 2000

DIVISION OF  
OIL, GAS AND MINING

24.

Name &amp; Signature:



(505) 466-8120

CONSULTANT

3-23-00

Title:

Date:

(This space for State use only)

API Number Assigned:

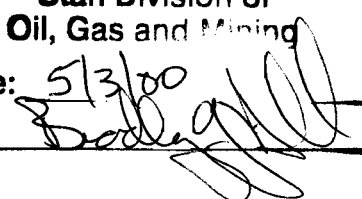
43-007-30674

Approval:

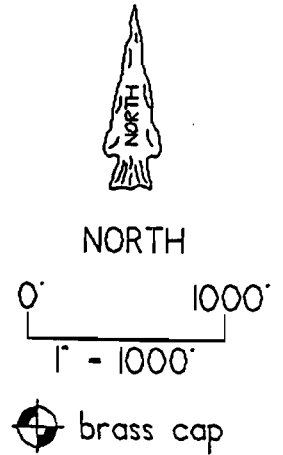
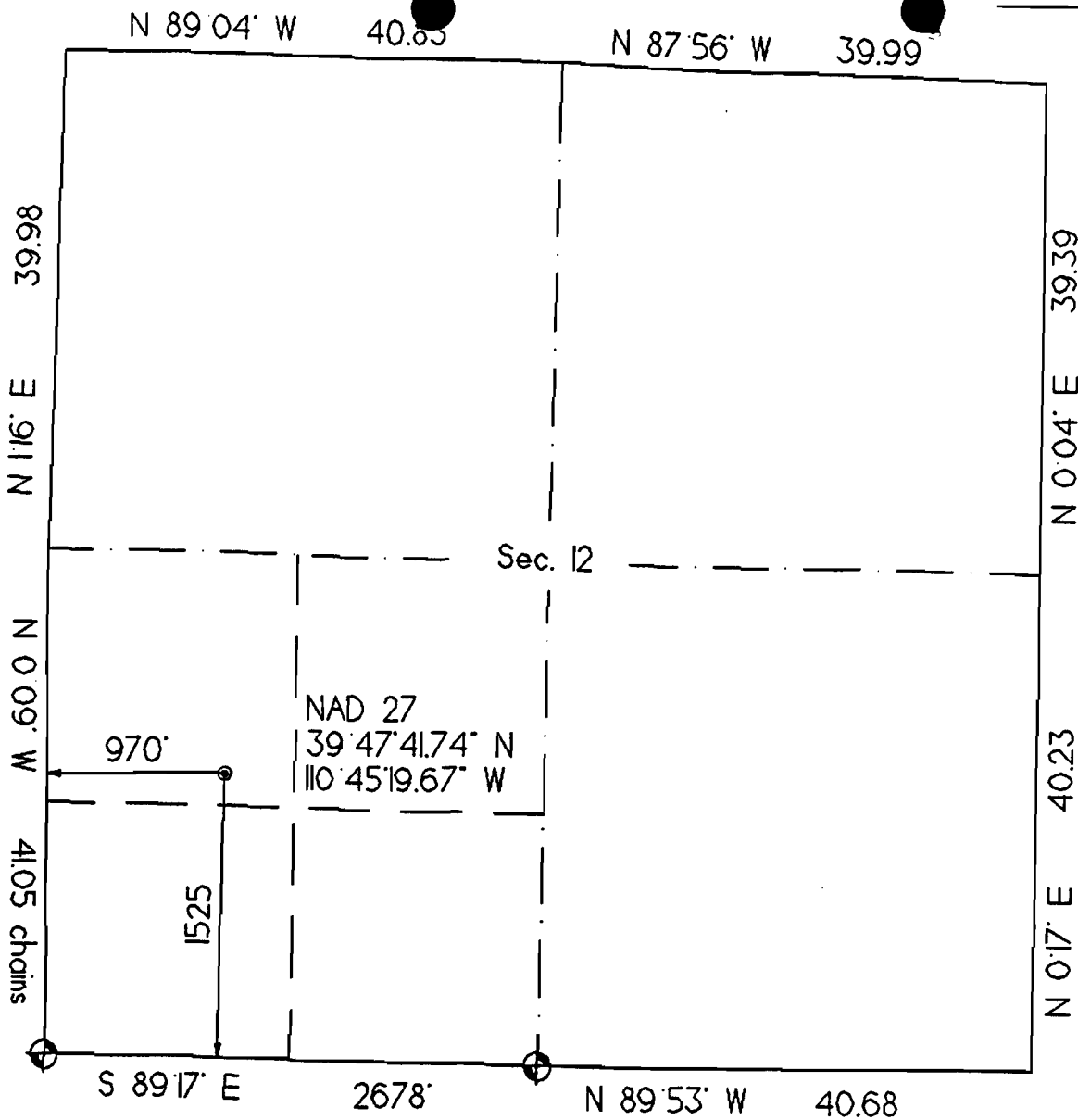
Approved by the  
Utah Division of  
Oil, Gas and Mining

Date:

By:

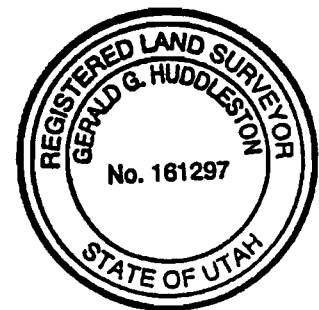


Well Location Plat



Well Location Description

J.M. HUBER CORPORATION  
 Huber Shimmin Trust I-12  
 1525' FSL & 970' FWL  
 Section 12, T.12 S., R.10 E., SLM  
 Carbon County, UT  
 7240' grd. el. ( from GPS )



10 March 2000

Gerald G. Huddleston

Gerald G. Huddleston, L.S.

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330



A FAMILY OF SOLUTIONS

ENERGY

J.M. Huber Corporation

1050-17<sup>th</sup> Street  
Suite 1850  
Denver, CO 80285  
phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: dvjsz@huber.com  
www.huber.com

April 25, 2000

**Affidavit of Completion of Surface Use Agreement**

On April 17, 2000 a written surface use agreement was entered into between J. M. Huber corporation and Dean Shimmin for the use of land connected with the Huber-Shimmin 1-11 and Huber-Shimmin 1-12 wells in Carbon County, Utah.

We will abide by the conditions as stated in the Surface Use Agreement.

On behalf of J. M. Huber Corporation:

J. Scott Zimmerman *JSZ*  
J. Scott Zimmerman  
Manager - Coalbed Methane Business Unit

Date: 4-25-00

State of Colorado)

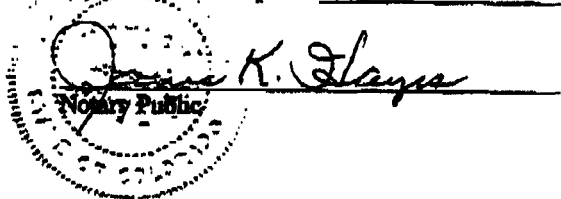
ss

County of Denver)

Subscribed and sworn to before me this 25th day of April 2000 by J. Scott Zimmerman.

Witness my hand and notarial seal.

My commission expires: 4-2-02



Drilling Program

1. <u>Formation Name</u>	<u>Depth from GL</u>	<u>Depth from KB</u>	<u>Subsea Depth</u>
Flagstaff Ls	0'	12'	+7,240'
North Horn Fm	400'	412'	+6,840'
Price River Ss	2,900'	2,912'	+4,340'
Castlegate Ss	3,300'	3,312'	+3,940'
Blackhawk Coal	3,650'	3,662'	+3,590'
Kenilworth Ss & Coal	4,350'	4,362'	+2,890'
Aberdeen Ss	4,600'	4,612'	+2,640'
Total Depth	4,700'	4,712'	+2,540'

(All depths are based on an ungraded ground level of 7,240')

2. NOTABLE ZONES

Blackhawk, Kenilworth, and Castlegate coals are the goals. No other oil or gas zones are expected. Flagstaff, North Horn, and coal zones are anticipated water zones.

3. PRESSURE CONTROL (Also see "5." on PAGE 2)

A  $\approx 10"$  x 2,000 psi double ram BOP with 2,000 psi choke manifold will be used from bottom of surface casing to TD. (A typical 2,000 psi BOP is on Page 4. Actual model will not be known until the bid is let.) BOP system will be tested to 70% of the minimum internal yield before drilling the surface casing shoe. System will be tested at least once every 30 days. Tests will be recorded in the driller's log. BOPs will be inspected and operated daily to assure good mechanical working order.

J. M. Huber Corporation  
Huber-Shimmin Trust 1-12  
1525' FSL & 970' FWL  
Sec. 12, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 2

#### 4. CASING & CEMENTING

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>≈Setting Depth</u>
12-1/4"	8-5/8"	24	J-55	ST&C	New	500'
7-7/8"	5-1/2"	17	J-55	LT&C	New	4,700'

Surface casing will be circulated to surface with ≈375 sx Premium cement. Long string will be cemented with DV tool set at ≈3,300'. Will use ≈600 sx 50-50 poz with additives. Actual volumes will be determined by caliper log.

#### 5. MUD PROGRAM

Fresh water gel (weight = 8.3 to 8.7 ppg, viscosity = 40-55, fluid loss = NC) will be used from surface to ≈500. Fresh water gel with caustic (weight = 8.7 to 9.1 ppg, viscosity = 38-45, fluid loss = 10-20 cc) may be used from surface casing shoe to TD. Will also drill with air.

#### 6. DATA GATHERING

May run Gamma Ray log from surface to TD, Dual Induction and BHC Density/Neutron logs from BSC to TD, and Coal and High Res. Density logs from ≈4,100' to TD.

Mud loggers will be on site from ≈1,500' to TD. They will have full chromatograph. Will collect samples every 30' from ≈1,500' to ≈2,500'. Will collect samples every 10' from ≈2,500' to TD.

#### 7. MISCELLANEOUS

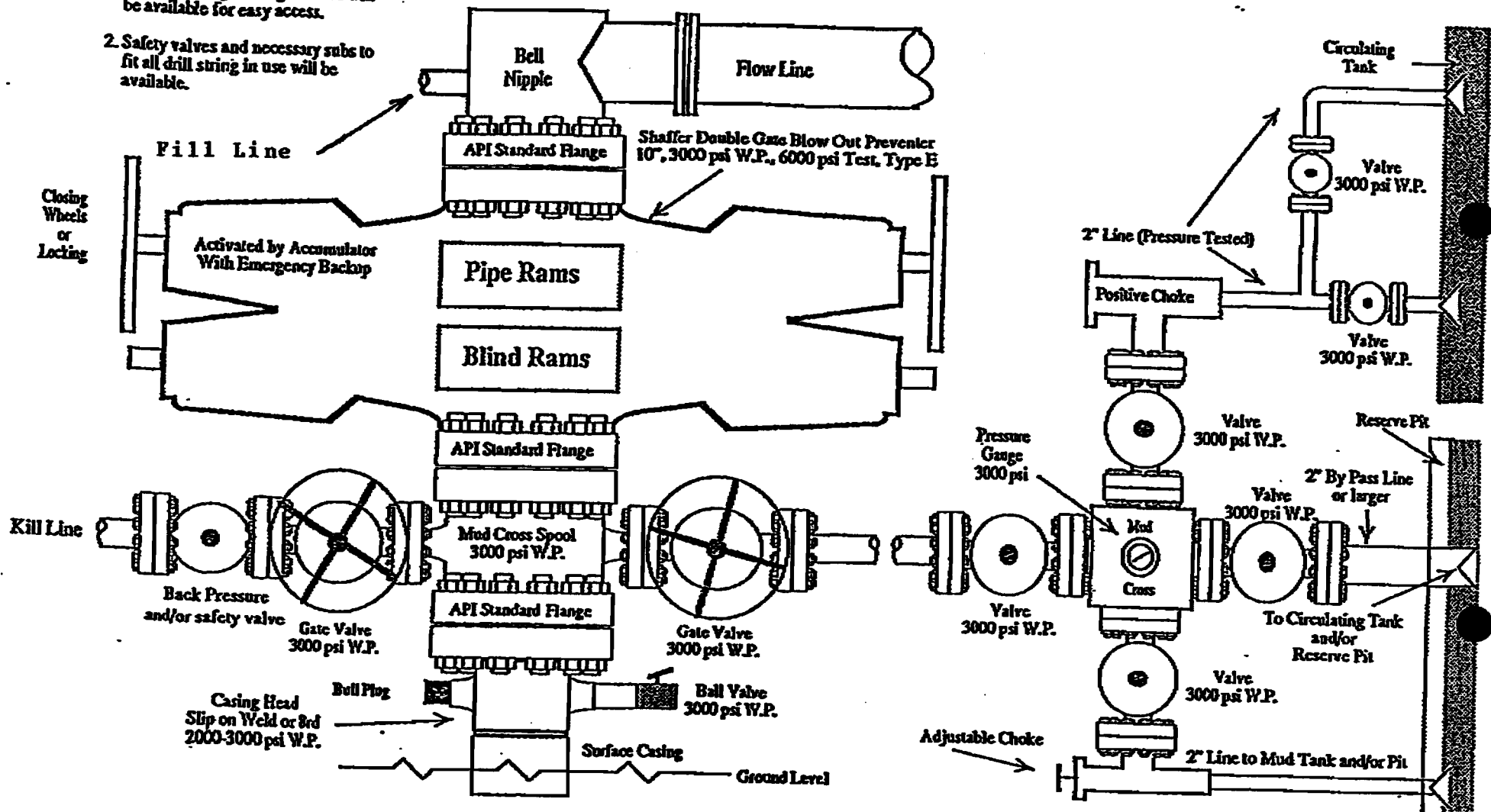
Expect to spud May 16, 2000. It will take ≈2 weeks to drill and ≈3 weeks to complete the well. BHP: ≤1,900 psi. No abnormal temperature. No H<sub>2</sub>S.

# Pressure Control Equipment

Minimum 2" Choke Line.  
Minimum 2" Kill Line.  
At Least One 2" Minimum Kill Line Valve.

Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.

2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.

## Surface Use Plan

### 1. EXISTING ROADS & DIRECTIONS (See PAGES 8 & 9)

From the junction of US 6 and US 191 north of Helper, Utah ...  
Go NE 8.3 miles on US 191 to the equivalent of Milepost 165.75  
Then turn right and go SE 0.8 mi. on the Emma Park/Nine Mile Cutoff Road  
Then turn right and go SE 0.5 mi. on a field road  
Then turn right and go E 0.6 mi. on a field road  
Then turn right and go S 0.2 mi. on a field road  
Then turn right and go west 15' onto the pad

### 2. ROAD TO BE BUILT OR UPGRADED

The existing road will be graded to remove ruts. The new road will be flat bladed with a 16' wide travel surface. If production results, then the new road will be crowned, ditched, and graveled where needed. Travel surface will remain 16' and maximum disturbed width will not exceed 50'.

### 3. EXISTING WELLS

There are 8 P&A wells and 2 water wells within a mile radius. There are no existing oil, gas, injection, or disposal wells within a mile.

### 4. PROPOSED PRODUCTION FACILITIES

Equipment may include a dehydrator-separator, ≈75' of buried pipelines and powerline, meter run, and pump.

## 5. WATER SUPPLY

Water will be trucked from Huber's central production facility in Section 11 or from town.

## 6. CONSTRUCTION MATERIALS & METHODS

Topsoil and brush will be stripped and stockpiled north and south of the pad. Diversion ditches will be built north and south of the pad. The reserve pit will be lined with minimum 12 mil plastic.

Gravel will be bought from the landowner or town.

## 7. WASTE DISPOSAL

The reserve pit will be fenced 4' high on 3 sides with 4 strands of barbed wire or woven wire topped with barbed wire. The 4th side will be fenced once the rig moves off hole. The fence will be kept in good repair while the pit dries. No fluids will be discharged into the flare pit.

All trash will be placed in a trash cage. When full, it will be hauled to a state approved landfill. There will be no trash burning or disposal of trash in the reserve pit. Chemical toilets will be used for human waste. Their contents will be disposed of in state approved facilities.

No oil will be allowed on the reserve pit. Any oil which accumulates on the pit will be pumped or skimmed off and hauled to a state approved recycle facility. Once dry, the reserve pit contents will be buried in place. The pit will be backfilled sufficiently deep so that no liner is exposed.

Produced water will be disposed of in Huber's state approved evaporation pond in Section 15.

#### 8. ANCILLARY FACILITIES

There will be no airstrip or formal camp. Camper trailers will be on site for the company man, roughnecks, mud logger, tool pusher, etc.

#### 9. WELL SITE LAYOUT

See PAGES 10 & 11 for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, burn pit, access road onto the pad, parking, living facilities, and rig orientation.

#### 10. RECLAMATION

After completing drilling, the well site and immediate area will be cleared of all debris and material not needed for production.

Reclamation will start when the reserve pit is dry. At least 2' of cover will be placed on the reserve pit. All areas not needed for production will be backfilled, recontoured to match natural contours, and reserved topsoil and brush evenly spread. If the well is a producer, then enough topsoil will be kept aside to reclaim the rest of the pad. Disturbed areas will be ripped, harrowed, or scarified before seeding. All reclaimed areas will be broadcast seeded in late fall or winter with seed mixes specified by the state. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding.

#### 11. SURFACE OWNER

The well site, pipeline route, and new road are all on private land owned by John Marshall, Trustee in Trust for the Dean Shimmin Trust. Contact is Dean Shimmin @ (801) 375-2002.

J. M. Huber Corporation  
Huber-Shimmin Trust 1-12  
1525' FSL & 970' FWL  
Sec. 12, T. 12 S., R. 10 E.  
Carbon County, Utah

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## 12. REPRESENTATION

Anyone having questions concerning the APD should contact:

Brian Wood  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505  
(505) 466-8120    FAX: (505) 466-9682    Mobile: (505) 699-2276

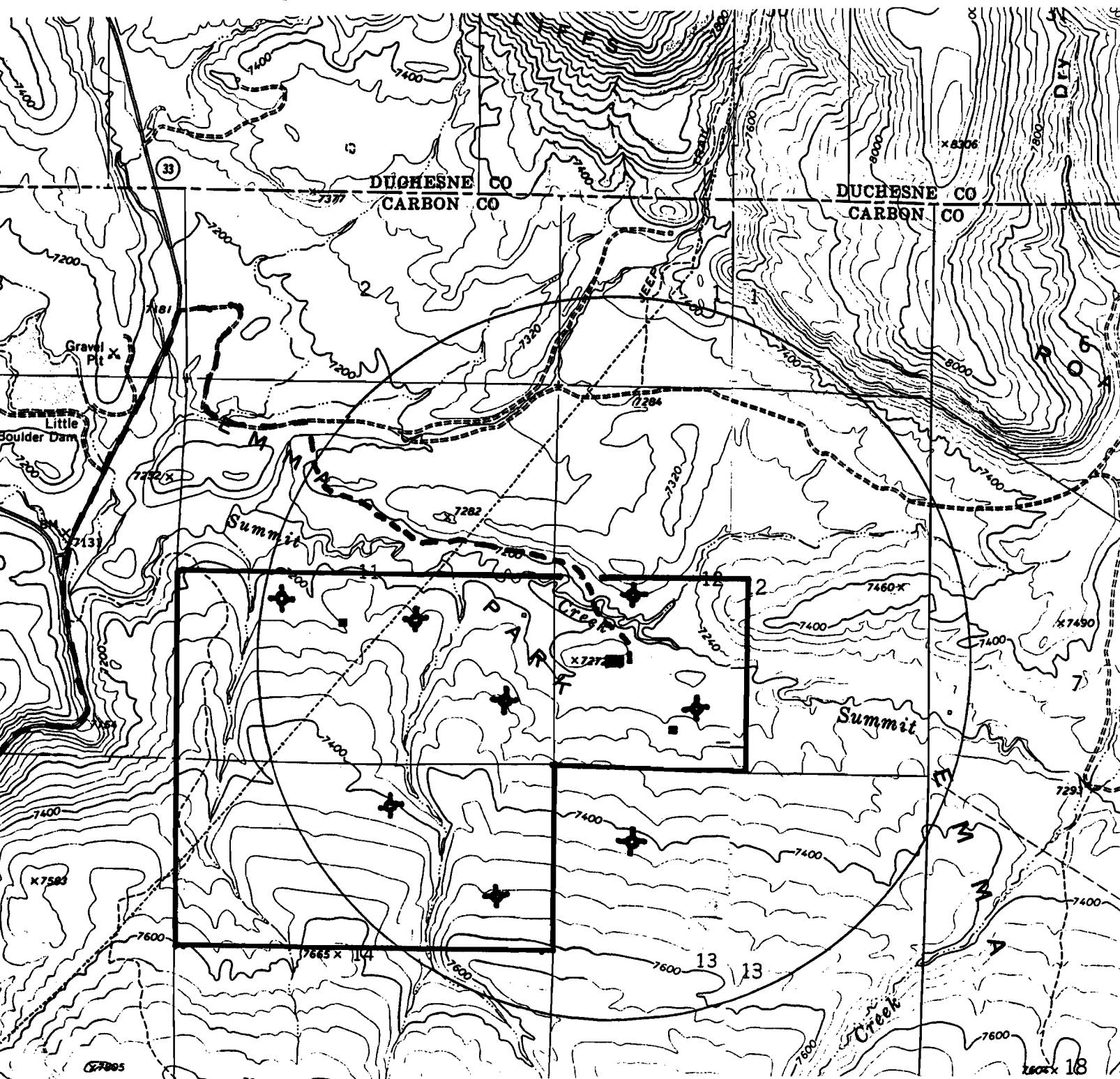
The field representative during drilling will be:

Tom Irwin  
J. M. Huber corporation  
3587 US Highway 160 East  
Durango, Co. 80301  
(970) 247-7708    FAX: (970) 247-7745



J. M. Huber Corporation  
Huber-Shimmin Trust 1-12  
1525' FSL & 970' FWL  
Sec. 12, T. 12 S., R. 10 E.  
Carbon County, Utah

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ACCESS ROUTE: - - -

LEASE: L

PROPOSED WELL: ■

P&A WELL: +

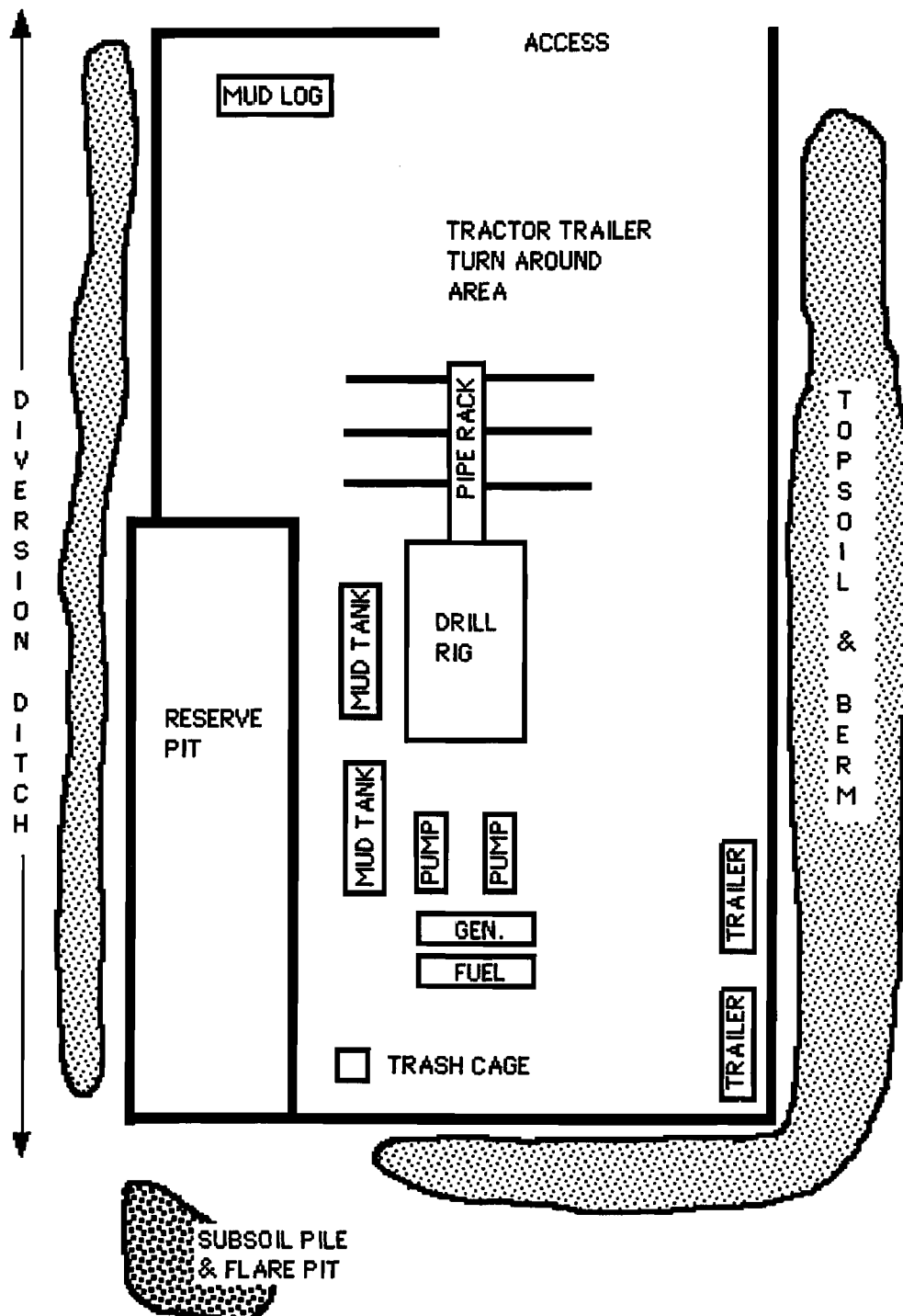
**PERMITS WEST** INC.  
PROVIDING PERMITS for LAND USERS

J. M. Huber Corporation  
Huber-Shimmin Trust 1-12  
1525' FSL & 970' FWL  
Sec. 12, T. 12 S., R. 10 E.  
Carbon County, Utah

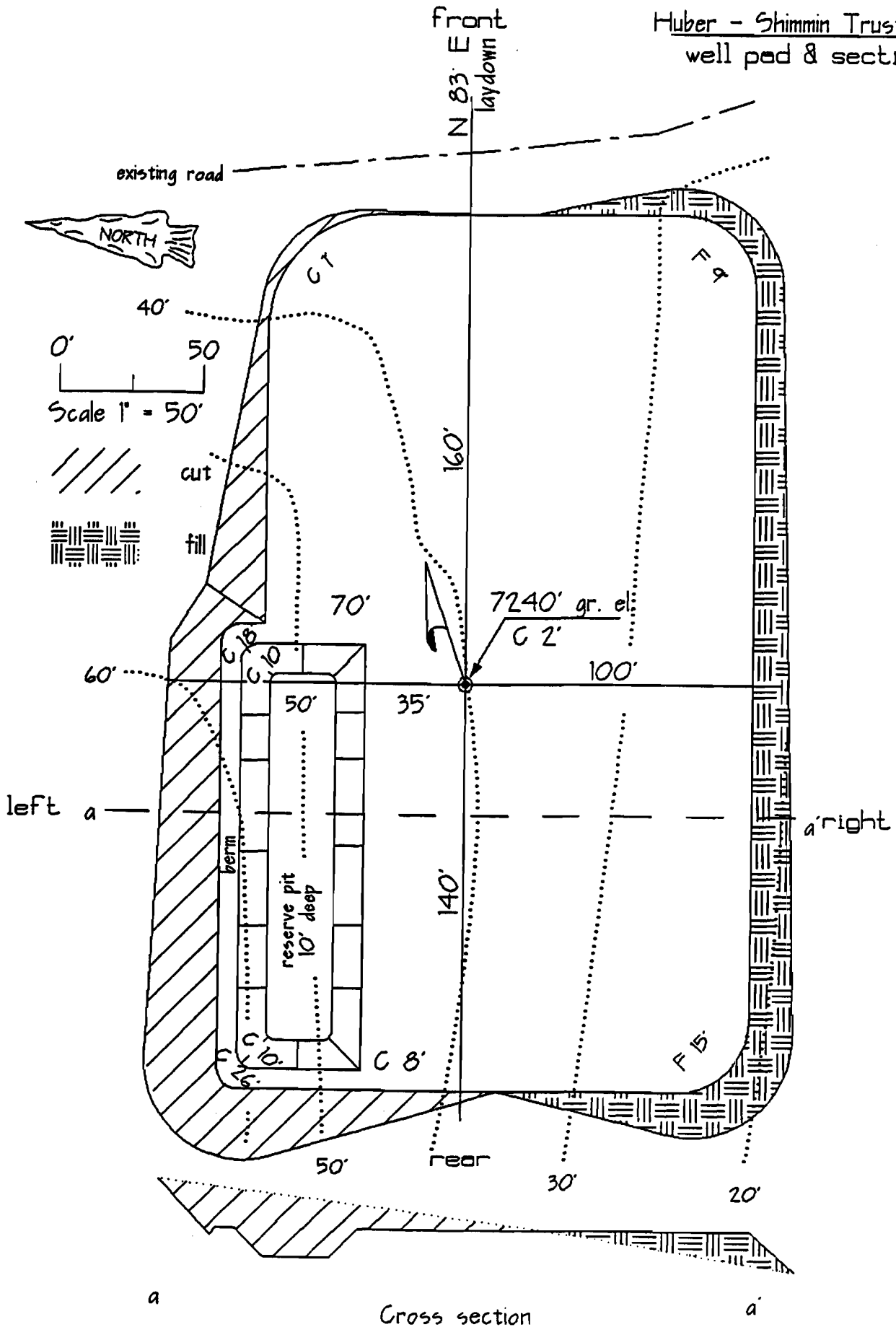
PAGE 10

NORTH

1" = 50'



Huber - Shimmin Trust 1-12  
well pad & section



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/27/2000

API NO. ASSIGNED: 43-007-30674

WELL NAME: HUBER-SHIMMIN TRUST 1-12  
OPERATOR: J M HUBER CORPORATION ( N2380 )  
CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

NWSW 12 120S 100E  
SURFACE: 1525 FSL 0970 FWL  
BOTTOM: 1525 FSL 0970 FWL  
CARBON  
CASTLEGATE ( 13 )

LEASE TYPE: 4-Fee  
LEASE NUMBER: FEE  
SURFACE OWNER: 4-Fee

PROPOSED FORMATION: BLHWK

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>RJK</i>	<i>4-22-00</i>
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 929103265 )  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190 - 5 (B)  
☒ Water Permit  
(No. Prod. utr. or Municipal)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ ~~Regulatory Review~~ (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit \_\_\_\_\_  
☐ R649-3-2. General  
Siting: \_\_\_\_\_  
☐ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 220-2 (160')  
Eff Date: 7-9-93 (No well siting listed)  
Siting: \* 460' to drl. Unit Boundary & 920' between wells.  
☐ R649-3-11. Directional Drill

COMMENTS: Need Presite. (Conducted 4-14-00)

STIPULATIONS: ① STATEMENT OF BASIS

# DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: J. M. Huber  
Name & Number: Huber-Shimmin #1-12  
API Number: 43-007-30674  
Location: 1/4, 1/4 NW SW Sec. 12 T. 12 S R. 10 E

### **Geology/Ground Water:**

The setting depth of the surface casing is proposed to be 500' cemented back to surface with 375  
sx of premium class G cement. There are 63 points of diversion within 1 mile of this location,  
which were developed by several parties, with priority dates back to 1860, some of these are  
municipal and some are wells several of these may be completed in the Blackhawk coal the  
intended production zone in this well. Of the 63 points of diversion there are several wells that are  
used for stock watering and irrigation in the area, however none are producing water below 385'  
and the 500' of surface casing will cover the productive zones. The several springs and diversions  
along Summit Creek may not active, but will be protected by the surface casing and the cement  
at the bottom of the long string. Produced water will be disposed of at an approved disposal  
facility. The operators representative was asked to make a review of the water rights files for this  
area to determine the depth of the productive wells.

Reviewer: K. Michael Hebertson Date: 12/April/2000

### **Surface:**

The surface owner was contacted by division personnel, invited to, and attended the on-site  
inspection. The surface owner is aware of the desires of the Division of Wildlife Resources  
however is not sympathetic to the causes that they pursue. He is aware of the Sage Grouse  
Strutting ground located in the area and was very clear on the cause for the decline of the species  
and what DWR could do about it. He has made arrangements with the operator to do some major  
reclamation on the roads and the location when drilling is completed. There are some erosion and  
sedimentation problems with this site, however silt fences and berms will mitigate these concerns.

Reviewer: K. Michael Hebertson Date: 11/August /1999

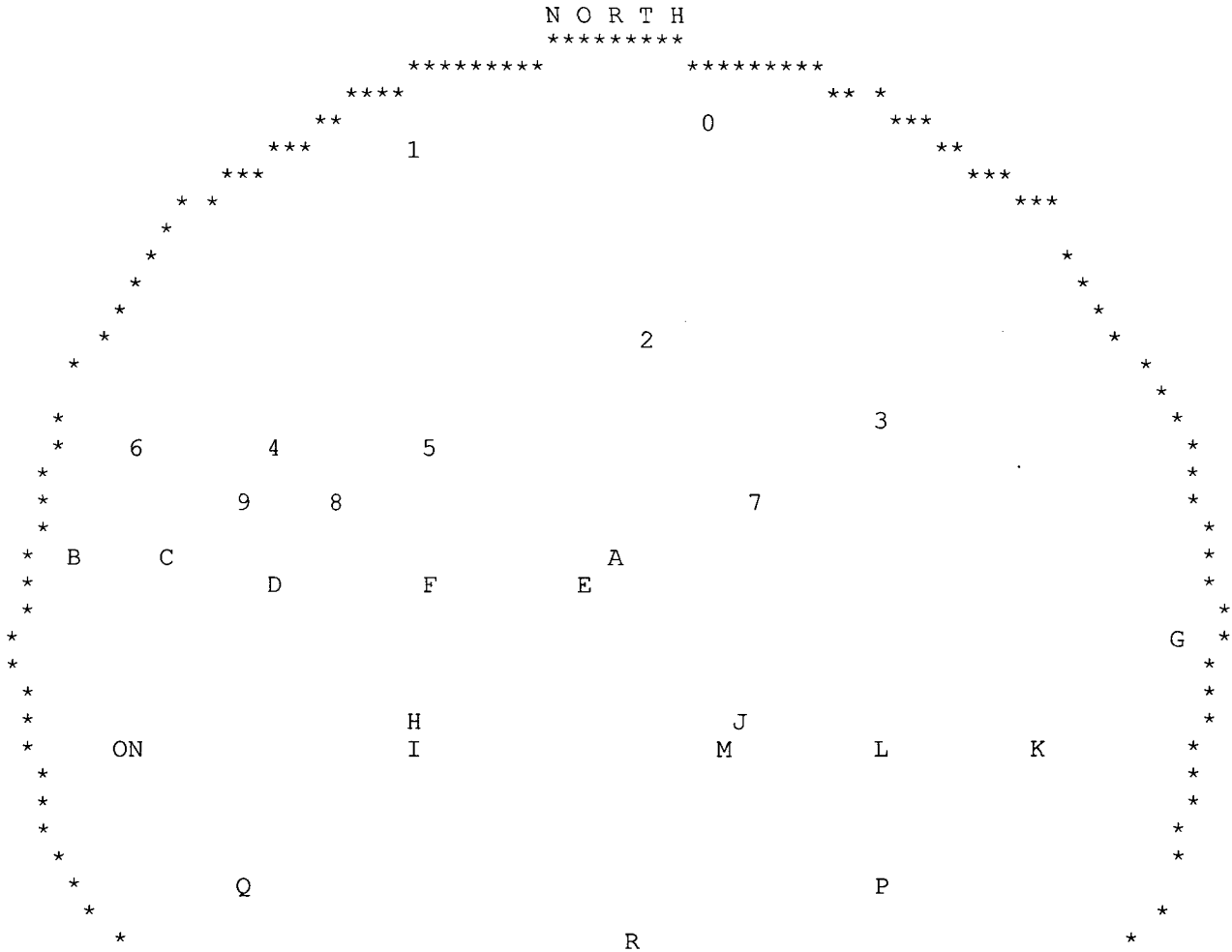
### **Conditions of Approval/Application for Permit to Drill:**

1. Berms will be placed at the toe of all cut and fill slopes.
2. The APD stipulates several conditions about pit fencing which will be adhered to.
3. The pit will be lined with a minimum 12 Mil synthetic liner.
4. Produced water will be disposed of in a state approved facility.
5. Existing culverts will be cleaned and maintained and new culverts of sufficient size and  
length will be installed and maintained so as not to inhibit natural water flow, where  
necessary.
6. The 96 points of diversion will be researched for active wells and depths to assure that  
surface casing is being set sufficiently deep to protect all culinary water supplies.  
Supporting evidence will be supplied to the Division of Oil, Gas & Mining.

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, APR 12, 2000, 2:49 PM  
PLOT SHOWS LOCATION OF 63 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
N 1525 FEET, E 970 FEET OF THE SW CORNER,  
SECTION 12 TOWNSHIP 12S RANGE 10E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET



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UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M	U A N P N P
0	91 4823	10.0000	.00	Underground Wells	N 700 E 1850 SW 1 12S 10E SL	X
	WATER USE(S): MUNICIPAL				PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District P.O. Box 903				Price	UT 84
1	91 4823	10.0000	.00	Underground Wells	N 550 W 850 SE 2 12S 10E SL	X
	WATER USE(S): MUNICIPAL				PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District P.O. Box 903				Price	UT 84
2	91 4823	10.0000	.00	Underground Wells	S 1100 E 1200 NW 12 12S 10E SL	X
	WATER USE(S): MUNICIPAL				PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District P.O. Box 903				Price	UT 84
3	91 4823	10.0000	.00	Underground Wells	S 1900 W 2050 NE 12 12S 10E SL	X
	WATER USE(S): MUNICIPAL				PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District P.O. Box 903				Price	UT 84
4	91 1192	.0000	.00	Unnamed Trib.to Summit Creek		
	WATER USE(S):				PRIORITY DATE: 00/00/1860	
	Shimmin, Dean C. 2002 North 1450 East				Provo	UT 84
4	91 1189	.0000	.00	Summit Creek		
	WATER USE(S):				PRIORITY DATE: 00/00/1860	

	Shimmin, Dean C.	2002 North 1450 East	Provo	UT 84
5	<u>91 3190</u> .0000 .00 Summit Creek			
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	Security Title Company		Salt Lake City	UT
5	<u>91 3190</u> .0000 .00 Summit Creek			
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	Security Title Company		Salt Lake City	UT
5	<u>91 3191</u> .0000 .00 Summit Creek			
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	Security Title Company		Salt Lake City	UT
5	<u>91 3191</u> .0000 .00 Summit Creek			
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	Security Title Company		Salt Lake City	UT
5	<u>91 4823</u> 10.0000 .00 Underground Wells	S 2000 W 600	NE 11 12S 10E SL X	
	WATER USE(S): MUNICIPAL		PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District P.O. Box 903		Price	UT 84
6	<u>91 4823</u> 10.0000 .00 Underground Wells	S 2000 E 2100	NW 11 12S 10E SL X	
	WATER USE(S): MUNICIPAL		PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District P.O. Box 903		Price	UT 84
7	<u>t90-91-02</u> .0000 10.00 Summit Creek and Willow Creek	S 2500 E 2200	NE 11 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 05/22/1990	
	Cockrell Oil Corporation 1600 Smith Road, Suite 4600		Houston	TX 77
7	<u>t91-91-09</u> .0000 10.00 Summit Creek and Willow Creek	S 2500 E 2200	NE 11 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 10/03/1991	
	Cockrell Oil Corporation 1600 Smith Road, Suite 4600		Houston	TX 77
8	<u>t22324</u> .0000 3.00 Summit Creek	S 2650 W 1420	NE 11 12S 10E SL X	
	WATER USE(S): OTHER		PRIORITY DATE: 06/19/1998	
	Anadarko Petroleum Corporation P.O. Box 894		Price	UT 84
	Price River Water User's Association 90 North 100 East #242 (PO Box 795)		Price	UT 84
9	<u>a18109</u> .0000 .45 Spring	S 20 W 2290	E4 11 12S 10E SL X	
	WATER USE(S): IRRIGATION DOMESTIC		PRIORITY DATE: 08/30/1906	
	Price River Water User's Association 90 North 100 East #1		Price	UT 84
	Shimmin, D.C. (Trust) 2002 North 1450 East Street		Provo	UT 84
A	<u>91 4830</u> 2.0000 .00 6 3800 - 5000	N 2340 E 1033	SW 12 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER		PRIORITY DATE: 08/26/1992	
	PG&E Resources Company 6688 No. Central Expressway		Dallas	TX 75
A	<u>91 4983</u> .1600 .00 5 4702	N 2340 E 1033	SW 12 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER		PRIORITY DATE: 04/30/1996	
	Anadarko Petroleum Corporation 9400 North Broadway		Oklahoma City	OK 73

B	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	2313	E	1501	SW 11 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER						PRIORITY DATE: 08/26/1992				
	PG&E Resources Company						6688 No. Central Expressway			Dallas	TX 75
B	<u>91 4983</u>	.1600	.00	7	4905	N	2313	E	1501	SW 11 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER						PRIORITY DATE: 04/30/1996				
	Anadarko Petroleum Corporation						9400 North Broadway			Oklahoma City	OK 73
C	<u>a17613</u>	.0000	2.00	6	100 - 500	N	2143	E	2362	SW 11 12S 10E SL	
	WATER USE(S): DOMESTIC OTHER						PRIORITY DATE: 08/30/1906				
	Price River Water User's Association						90 North 100 East #1			Price	UT 84
	PG&E Resources						6688 North Central Expressway Suite 1000			Dallas	TX 75
C	<u>a24220</u>	.0000	2.00	6	365	N	2143	E	2362	SW 11 12S 10E SL X	
	WATER USE(S): DOMESTIC STOCKWATERING OTHER						PRIORITY DATE: 03/02/2000				
	Price River Water User's Association						90 North 100 East #1			Price	UT 84
	D.C. Shimmin Trust						2002 North 1450 East			Provo	UT 84
D	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	1999	W	2006	SE 11 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER						PRIORITY DATE: 08/26/1992				
	PG&E Resources Company						6688 No. Central Expressway			Dallas	TX 75
D	<u>91 4983</u>	.1600	.00	7	4990	N	1999	W	2066	SE 11 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER						PRIORITY DATE: 04/30/1996				
	Anadarko Petroleum Corporation						9400 North Broadway			Oklahoma City	OK 73
E	<u>91 1191</u>	.0110	.00		Satavorakis Spring						
	WATER USE(S):						PRIORITY DATE: 00/00/1860				
	Shimmin, Dean C.						2002 North 1450 East			Provo	UT 84
F	<u>91 1190</u>	.0000	.00		Summit Creek						
	WATER USE(S):						PRIORITY DATE: 00/00/1860				
	Shimmin, Dean C.						2002 North 1450 East			Provo	UT 84
G	<u>91 4823</u>	10.0000	.00		Underground Wells	N	1550	E	550	SW 7 12S 11E SL X	
	WATER USE(S): MUNICIPAL						PRIORITY DATE: 04/23/1992				
	Price River Water Improvement District						P.O. Box 903			Price	UT 84
H	<u>91 4819</u>	.0000	3.00	5	4667	N	793	W	780	SE 11 12S 10E SL	
	WATER USE(S): OTHER						PRIORITY DATE: 10/21/1991				
	Cockrell Oil Corporation						1600 Smith, Suite 4600			Houston	TX 77
H	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	793	W	780	SE 11 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER						PRIORITY DATE: 08/26/1992				
	PG&E Resources Company						6688 No. Central Expressway			Dallas	TX 75
H	<u>91 4983</u>	.1600	.00	5	4411	N	793	W	780	SE 11 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER						PRIORITY DATE: 04/30/1996				
	Anadarko Petroleum Corporation						9400 North Broadway			Oklahoma City	OK 73
H	<u>t92-91-12</u>	.0000	13.00		1) Willow Creek 2) Wells	N	793	W	780	SE 11 12S 10E SL	
	WATER USE(S): OTHER						PRIORITY DATE: 07/31/1992				

	West Hazmat Oil Field Services Inc.	East Highway 40	Roosevelt	UT 84
I	91 4823	10.0000	.00 Underground Wells	N 450 W 800 SE 11 12S 10E SL X
	WATER USE(S): MUNICIPAL			PRIORITY DATE: 04/23/1992
	Price River Water Improvement District P.O. Box 903			Price UT 84
J	91 4830	2.0000	.00 6 3800 - 5000	N 721 E 2047 SW 12 12S 10E SL X
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER			PRIORITY DATE: 08/26/1992
	PG&E Resources Company 6688 No. Central Expressway			Dallas TX 75
J	91 4983	.1600	.00 5 4490	N 721 E 2047 SW 12 12S 10E SL X
	WATER USE(S): IRRIGATION OTHER			PRIORITY DATE: 04/30/1996
	Anadarko Petroleum Corporation 9400 North Broadway			Oklahoma City OK 73
K	91 900	.0000	.00 Summit Creek	
	WATER USE(S): STOCKWATERING			PRIORITY DATE: 00/00/1860
	Critchlow, Judson D. & Cherie 229 South 500 East			Price UT 84
	Cave, David R. & Mildred J. 229 South 500 East			Price UT 84
K	91 4823	10.0000	.00 Underground Wells	N 600 W 700 SE 12 12S 10E SL X
	WATER USE(S): MUNICIPAL			PRIORITY DATE: 04/23/1992
	Price River Water Improvement District P.O. Box 903			Price UT 84
L	91 900	.0000	.00 Summit Creek	
	WATER USE(S): STOCKWATERING			PRIORITY DATE: 00/00/1860
	Critchlow, Judson D. & Cherie 229 South 500 East			Price UT 84
	Cave, David R. & Mildred J. 229 South 500 East			Price UT 84
M	91 1190	.0000	.00 Summit Creek	
	WATER USE(S):			PRIORITY DATE: 00/00/1860
	Shimmin, Dean C. 2002 North 1450 East			Provo UT 84
M	91 4823	10.0000	.00 Underground Wells	N 650 E 1900 SW 12 12S 10E SL X
	WATER USE(S): MUNICIPAL			PRIORITY DATE: 04/23/1992
	Price River Water Improvement District P.O. Box 903			Price UT 84
M	t93-91-10	.0000	15.00 8 50 - 100	N N 606 E 1894 SW 12 12S 10E SL
	WATER USE(S): OTHER			PRIORITY DATE: 08/30/1906
	Shimmin, C.D. (Trust) 2002 North 1450 East Street			Provo UT 84
M	t93-91-11	.0000	18.00 8 50 - 100	N N 606 E 1894 SW 12 12S 10E SL
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING			PRIORITY DATE: 08/30/1906
	Shimmin, D.C. (Trust) 2002 North 1450 East Street			Provo UT 84
M	t18106	.0000	18.00 5 85	N N 606 E 1894 SW 12 12S 10E SL
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING			PRIORITY DATE: 08/30/1906
	Price River Water User's Association 90 North 100 East #242 (PO Box 795)			Price UT 84
	Shimmin, D.C. (Trust) 2002 North 1450 East Street			Provo UT 84
M	a18108	.0000	18.00 5 85	N N 606 E 1894 SW 12 12S 10E SL X
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING			PRIORITY DATE: 08/30/1906
	Price River Water User's Association 90 North 100 East #1			Price UT 84

	Shimmin, D.C. (Trust)	2002 North 1450 East Street	Provo	UT 84
N 91 4823	10.0000	.00 Underground Wells	N 550 E 2100 SW 11 12S 10E SL X	
	WATER USE(S): MUNICIPAL		PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District	P.O. Box 903	Price	UT 84
O 91 4819	.0000	3.00 Existing Exploratory Wells	N 550 E 1950 SW 11 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 10/21/1991	
	Cockrell Oil Corporation	1600 Smith, Suite 4600	Houston	TX 77
O 91 4819	.0000	3.00 5 4631	N 540 E 1900 SW 11 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 10/21/1991	
	Cockrell Oil Corporation	1600 Smith, Suite 4600	Houston	TX 77
O 91 4830	2.0000	.00 6 3800 - 5000	N 540 E 1900 SW 11 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER		PRIORITY DATE: 08/26/1992	
	PG&E Resources Company	6688 No. Central Expressway	Dallas	TX 75
O 91 4983	.1600	.00 5 4363	N 540 E 1900 SW 11 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER		PRIORITY DATE: 04/30/1996	
	Anadarko Petroleum Corporation	9400 North Broadway	Oklahoma City	OK 73
O t92-91-12	.0000	13.00 1) Willow Creek 2) Wells	N 540 E 1900 SW 11 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 07/31/1992	
	West Hazmat Oil Field Services Inc.	East Highway 40	Roosevelt	UT 84
P 91 4823	10.0000	.00 Underground Wells	S 600 W 1950 NE 13 12S 10E SL X	
	WATER USE(S): MUNICIPAL		PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District	P.O. Box 903	Price	UT 84
Q 91 4819	.0000	3.00 5 4485	S 660 W 2340 NE 14 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 10/21/1991	
	Cockrell Oil Corporation	1600 Smith, Suite 4600	Houston	TX 77
Q 91 4830	2.0000	.00 6 3800 - 5000	S 660 W 2340 NE 14 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER		PRIORITY DATE: 08/26/1992	
	PG&E Resources Company	6688 No. Central Expressway	Dallas	TX 75
Q 91 4983	.1600	.00 5 4427	S 660 W 2340 NE 14 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER		PRIORITY DATE: 04/30/1996	
	Anadarko Petroleum Corporation	9400 North Broadway	Oklahoma City	OK 73
R 91 4823	10.0000	.00 Underground Wells	S 1150 E 1100 NW 13 12S 10E SL X	
	WATER USE(S): MUNICIPAL		PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District	P.O. Box 903	Price	UT 84
R 91 4830	2.0000	.00 6 3800 - 5000	S 1174 E 1168 NW 13 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER		PRIORITY DATE: 08/26/1992	
	PG&E Resources Company	6688 No. Central Expressway	Dallas	TX 75
R 91 4983	.1600	.00 5 4402	S 1174 E 1168 NW 13 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER		PRIORITY DATE: 04/30/1996	

	Anadarko Petroleum Corporation	9400 North Broadway	Oklahoma City	OK 73
S	<u>91 4819</u> .0000 3.00 5 4650	S 1980 W 800	NE 14 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 10/21/1991	
	Cockrell Oil Corporation	1600 Smith, Suite 4600	Houston	TX 77
S	<u>91 4830</u> 2.0000 .00 6 3800 - 5000	S 1980 W 800	NE 14 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER		PRIORITY DATE: 08/26/1992	
	PG&E Resources Company	6688 No. Central Expressway	Dallas	TX 75
S	<u>91 4983</u> .1600 .00 5 4579	S 1980 W 800	NE 14 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER		PRIORITY DATE: 04/30/1996	
	Anadarko Petroleum Corporation	9400 North Broadway	Oklahoma City	OK 73
S	<u>t92-91-12</u> .0000 13.00 1) Willow Creek 2) Wells	S 1980 W 800	NE 14 12S 10E SL	
	WATER USE(S): OTHER		PRIORITY DATE: 07/31/1992	
	West Hazmat Oil Field Services Inc.	East Highway 40	Roosevelt	UT 6
T	<u>91 896</u> .0000 .00 Unnamed Stream		PRIORITY DATE: 00/00/1860	
	WATER USE(S):		Price	UT 84
	Critchlow, Judson D. & Cherie	229 South 500 East	Price	UT 84
	Cave, David R. & Mildred J.	229 South 500 East		
U	<u>91 1192</u> .0000 .00 Unnamed Trib.to Summit Creek		PRIORITY DATE: 00/00/1860	
	WATER USE(S):		Provo	UT 84
	Shimmin, Dean C.	2002 North 1450 East		
V	<u>91 4823</u> 10.0000 .00 Underground Wells	N 2000 E 700	SW 13 12S 10E SL X	
	WATER USE(S): MUNICIPAL		PRIORITY DATE: 04/23/1992	
	Price River Water Improvement District	P.O. Box 903	Price	UT 84

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: J.M. Huber

WELL NAME & NUMBER: Huber-Shimmin #1-12

API NUMBER: 43-007-30674

LEASE: Fee Patented FIELD/UNIT: Castlegate Field (013)

LOCATION: 1/4, 1/4 NW SW Sec: 12 TWP: 12S RNG: 10E 1525 FSL 970 FWL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4, 1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): X = 520,944 E ; Y = 4,404,814 N

SURFACE OWNER: Dean Shimmin Trustee Shimmin Turst

**PARTICIPANTS**

Mike Hebertson Chris Kierst (DOGM), Brian Wood (Permits West), Dean Shimmin (Surface Owner)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

This well is located on the second bench of the Wasatch Plateau about 3 miles south of the Roan Cliffs, in the area known as Emma Park. Mathis Canyon is to the south of the location about 2 miles and Willow Creek is a major active flowing stream to the west about 1 1/4 miles which flows to the south down Price Canyon. It is located within a few hundred feet of Summit Creek which flows into Willow Creek. Other drainages intersect the major secondary and primary system flowing generally north and then west until they meet Willow Creek, thence to the Price River. The whole of Emma Park is open Sage Brush meadow with interspersed grass lands. The surface is of Tertiary & Cretaceous age rocks from the Flagstaff Limestone and the North Horn Conglomerate. The Flagstaff is of lacustrine origin and the North Horn is of a fluvial origin. There is no distinct contact between the two since the two have many complex overlapping facies in this area.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Open range wildlife and livestock use.

PROPOSED SURFACE DISTURBANCE: A location 300 X 200 with 650' of new access road. The old field roads will require fixing and upgrading for about 2 miles. The pit will be 125 X 50 X 10 and will be placed inboard on the north side of the location. The access road will enter the pad on the southeast side.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are 9 P&A wells within one mile, all of which were drilled to the Mesa Verde

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Will follow the roads and already established corridors in the abandoned field area. Pipelines and power lines are still in place from previous work.

SOURCE OF CONSTRUCTION MATERIAL: Borrowed from the construction of the location. A commercial supplier will be used for the gravel pad or the material will be purchased from the landowner from a previous supply.

ANCILLARY FACILITIES: These are already in place.

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion /

frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used. Produced water will be disposed of at an approved facility.

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is less than 400 feet from Summit Creek. This area will be protected with berms ditches and silt fences where applicable.

FLORA/FAUNA: Deer, Elk, Moose, Cougar, Eagles, Hawks, Other indigenous bird species, Aspen, varieties of grasses, Sage Brush, Rabbit Brush.

SOIL TYPE AND CHARACTERISTICS: Clay from the limestone which weathers to a dark tan to reddish in color. Locally with sandstone inclusions and fossil trash or remains.

SURFACE FORMATION & CHARACTERISTICS: Flagstaff Limestone interbedded with the North Horn Formation which varies from a conglomerate to a thinly bedded sandstone and interfingers with the Flagstaff.

EROSION/SEDIMENTATION/STABILITY: No stability, or erosion problems with the selected site sedimentation will be mitigated with berms and diversions placed to contain runoff from the location cut, fill and pad areas .

PALEONTOLOGICAL POTENTIAL: Not required.

#### RESERVE PIT

CHARACTERISTICS: The pit will be 125 X 50 X 10.

LINER REQUIREMENTS (Site Ranking Form attached): A synthetic liner will be required.

#### SURFACE RESTORATION/RECLAMATION PLAN

Will be signed and executed prior to issuance of the APD.

SURFACE AGREEMENT: Is executed to the satisfaction of the surface owner.

CULTURAL RESOURCES/ARCHAEOLOGY: Not required

#### OTHER OBSERVATIONS/COMMENTS

The approach road to location is an old wagon track used to haul salt to livestock that the owner used to keep in the area. This road has not been used in years. He was made aware of the requests made by DWR concerning big game winter closure and Sage Grouse strutting areas, but is not sympathetic to their requests.

#### ATTACHMENTS:

Photos were taken and will be placed on file.

K. Michael Hebertson  
DOGM REPRESENTATIVE

14/April/2000/ 10:00 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>10</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>15</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>15</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>10</u>
<b>Final Score</b>	<u>60</u>	(Level I Sensitivity)

4-18-00

Mike,

I checked Div. of Water Rights well records for:

T. 12 S., R. 10 E.

Sections 1, 2, 3, 9, 10, 11, 12, 13, 14, 15, + 16

T. 12 S., R. 11 E.

Sections 7 + 18

These are the sections which include + surround Shimmum 1-11 + 1-12 and Jensen 2-10.

There are only 4 water wells in the 13 sections. Total depths are 85', ~~65~~ 240', 240', and 365'. I've attached the driller's reports for the 4 wells.

I'll be in Salt Lake + Price Tuesday + Wednesday if you need any additional information.

Brian

**RECEIVED**

APR 18 2000

DIVISION OF  
OIL, GAS AND MINING

# State of Utah Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-91-001-P-01 (91-4950)

RECEIVED

Owner

Note any changes

PG&E Resources  
6688 North Central Expressway Suite 1000  
Dallas, TX 75206-3922

27 NOV 16 1993

WATER RIGHTS  
SALT LAKE

Contact Person/Engineer: \_\_\_\_\_

Well Location

Note any changes

NORTH 2143 feet EAST 2362 feet from the SW Corner of  
SECTION 11, TOWNSHIP 12S, RANGE 10E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) \_\_\_\_\_

Drillers Activity

Start Date: Oct 28 (approx)

Completion Date: Nov 12, 1993

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	40	12 3/4	Rotary	Air
40	365	7 7/8	Rotary	Air

Well Log		W A T E R	P E R M E A B L E	UNCONSOLIDATED							CONSOLIDATED	ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
DEPTH (feet) FROM	TO			C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R				
0	80		X							X		Slate	Grey	Hard, tite, slatey shale, some sand
80	84		X			X						Sand S	tan	Main water bearing sand encountered
84	180		X							X		Slate	grey/red	Hard, tite, slatey shale
180	182		X			X						sand	tan	minor water bearing
182	305		X							X		Slate	Grey/red	Hard, tite, slatey shale
305	307		X			X						sand	tan	minor water bearing
307	365		X							X		Slate	grey/red	Hard, tite, slatey shale

Static Water Level

Date 11-12-93

Water Level 65 feet

Flowing?

☐ Yes ☒ No

Method of Water Level Measurement Rope If Flowing, Capped Pressure \_\_\_\_\_ PSI

Point to Which Water Level Measurement was Referenced aprox 65'

Height of Water Level reference point above ground surface 18" feet Temperature NA ☐ °C ☐ °F

# Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	40	8 5/8" Steel	Sched	40	245	345	3/16" by 8"		
0	365	6" PVC	Sched	160 PSI	(Collar ends)				

Well Head Configuration: 8 5/8 casing 18" above S Access Port Provided? ☒ Yes ☐ No

Casing Joint Type: Glue and Screws Perforator Used: Circular saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	40	Oil field Cement	200 gallons	NA
0	365	gravel Pack	<div>RECEIVED</div> <div>APR 18 2000</div> <div>DIVISION OF OIL, GAS AND MINING</div>	

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
	*PG&E will complete well					

## Pump (Permanent)

Pump Description: \*PG&E will Complete Horsepower:          Pump Intake Depth:          feet

Approximate maximum pumping rate:          Well disinfected upon completion? ☐ Yes ☐ No

## Comments

Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

\*Every thing was done to PG&E specification, the drilling was very hard, lots of hard, tight, slatey shale, ruined one hard tooth bit, had to go to button bits. Also tried to talk PG&E into smaller casing, had a hard time getting pea gravel down hole, bridged off.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name Amron Drilling  
(Person, Firm, or Corporation - Print or Type)

License No. 634

Signature [Signature]  
(Licensed Well Driller)

Date 11-12-93

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

CHANGE APPLICATION: t93-91-10(91-AREA)

RECEIVED

Owner

Note any changes

John F. Marshall Trustee C.D. Shimmin Trust  
2002 North 1450 East Street  
Provo, UT 84604SEP 23 1993  
WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

COUNTY: Carbon  
NORTH 606 feet EAST 1894 feet from the SW Corner of  
SECTION 12, TOWNSHIP 12S, RANGE 10E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

12.5 mi. North of Price

Drillers Activity

Start Date: 6-23-93

Completion Date: 6-24-94

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM TO		BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	40	12 1/4	Rotary Air	Air - mist
40	85	7 3/8"	Rotary Air	Air - mist

Well Log

DEPTH (feet) FROM TO	W A T E R	P E R M E A B L E  high low	UNCONSOLIDATED							ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
			C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R			
0	5	x								Ledge	grayish white	fractured
5	7									shale		
7	39										grayish white	bed rock
39	50									shale	red	
50	65									sandstone		
65	85	x								rock & sand	reddish	fractured (flowing)

Static Water Level

Date \_\_\_\_\_ Water Level \_\_\_\_\_ feet Flowing? ☒ Yes ☐ No  
 Method of Water Level Measurement \_\_\_\_\_ If Flowing, Capped Pressure \_\_\_\_\_ PSI  
 Point to Which Water Level Measurement was Referenced \_\_\_\_\_  
 Height of Water Level reference point above ground surface + 2 feet Temperature \_\_\_\_\_ ☐ °C ☐ °F

# Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input checked="" type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	40	steel	3/8"	8 5/8"					
0	85	steel	.28	5 1/2"	70	85	1/8 x 6		20

Well Head Configuration: screen head w/ 5 1/2" packer Access Port Provided? ☒ Yes ☐ No  
 Casing Joint Type: T & C Perforator Used: torch on 5 1/2" steel

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	40	8 5/8" casing cemented in place		

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DIVISION OF  
OIL, GAS AND MINING

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			Check One	CFS		
			GPM			

## Pump (Permanent)

Pump Description: \_\_\_\_\_ Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feet  
 Approximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

Comments Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name PARKEK AIR DRILLING License No. 374  
 (Person, Firm, or Corporation - Print or Type)

Signature Larry A. Parker Date 8-5-93  
 (Licensee Well Driller)

(well received late)

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-51-005-P-01 (a17545 -- 51-)

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OCT 14 1993

Owner

Note any changes

Rennert Investment Company Inc.  
5278 South Pinemont Suite A210  
Salt Lake City, UT 84123WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

SOUTH 3310 feet EAST 1040 feet from the NW Corner of  
SECTION 14, TOWNSHIP 12S, RANGE 4E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

Drillers Activity

Start Date:

8/24/93

Completion Date:

8/24/93

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	240	8	Rotary	Air

Well Log	DEPTH (feet) FROM	TO	W A T E R	P E R M E A B L E	UNCONSOLIDATED							CONSOLIDATED		ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
					C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R					
	0	3			X	X	X									
	3	35												Shale	Green	
	35	40	X											sandstone	white	
	40	210												shale	Gray	
	210	220	X											sandstone	white	
	220	240												shale	Gray	

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DIVISION OF  
OIL, GAS AND MINING

Static Water Level

Date

8/24/93

Water Level

31

feet

Flowing?

☐ Yes ☐ No

Method of Water Level Measurement

If Flowing, Capped Pressure

PSI

Point to Which Water Level Measurement was Referenced

ground

Height of Water Level reference point above ground surface

feet

Temperature

☐ °C☐ °F

Well Log

# Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	240	#40 PVC	1/40	5	20	40	1/8	5	30
					200	240	1/8	5	60

Well Head Configuration: Cup Access Port Provided? ☒ Yes ☐ No

Casing Joint Type: Glue Perforator Used: Saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	20	neet cement	4 cu ft.	
20	240	gravel	approx 1 yd	

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**DIVISION OF  
OIL, GAS AND MINING**

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
8/24	AIR	6	✓		220	2 hr.

## Pump (Permanent)

Pump Description: \_\_\_\_\_ Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feet

Approximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

Comments Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name Wuzicker & Wells  
(Person, Firm, or Corporation - Print or Type)

License No. 398

Signature Wuzicker  
(Licensed Well Driller)

Date 10/1/93

Well Log

## Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input checked="" type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	240	PVC	1/40	5	220	240	5' x 1/8"	5	40

Well Head Configuration: Cap Access Port Provided? ☒ Yes ☐ NoCasing Joint Type: Glue Perforator Used: Saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	20	Abandonment	4 cu ft.	<div style="text-align: center;"> <b>RECEIVED</b>  <b>APR 18 2000</b>  <b>DIVISION OF OIL, GAS AND MINING</b> </div>
20	240	Gravel	approx 1 yd.	

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
8/18/93	AIR	25	✓		200'	1 hr.

## Pump (Permanent)

Pump Description: Submersible Horsepower: 3/4 Pump Intake Depth:   feetApproximate maximum pumping rate: 20 Well disinfected upon completion? ☐ Yes ☐ No

Comments Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name

Unzicker & Wells Drilling  
(Person, Firm, or Corporation - Print or Type)

License No.

378

Signature

[Signature]  
(Licensed Well Driller)

Date

10/1/93

4-18-00

Mike,

I checked Div. of Water Rights well records for:

T. 12 S., R. 10 E.

Sections 1, 2, 3, 9, 10, 11, 12, 13, 14, 15, + 16

T. 12 S., R. 11 E.

Sections 7 + 18

These are the sections which include + surround Shimmum 1-11 + 1-12 and Jensen 2-10.

There are only 4 water wells in the 13 sections. Total depths are 85', ~~65~~ 240', 240', and 365'. I've attached the driller's reports for the 4 wells.

I'll be in Salt Lake + Price Tuesday + Wednesday if you need any additional information.

Brain

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DIVISION OF  
OIL, GAS AND MINING

# State of Utah Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-91-001-P-01 (91-4950)

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Owner

Note any changes

PG&E Resources  
6688 North Central Expressway Suite 1000  
Dallas, TX 75206-3922

27 NOV 16 1993

WATER RIGHTS  
SALT LAKE

Contact Person/Engineer: \_\_\_\_\_

Well Location

Note any changes

NORTH 2143 feet EAST 2362 feet from the SW Corner of  
SECTION 11, TOWNSHIP 12S, RANGE 10E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) \_\_\_\_\_

Drillers Activity

Start Date: Oct 28 (approx)

Completion Date: Nov 12, 1993

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM TO		BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	40	12 3/4	Rotary	Air
40	365	7 7/8	Rotary	Air

Well Log		W A T E R	P E R M E A B L E	UNCONSOLIDATED							CONSOLIDATED	ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on <i>water quality</i> if known.)
DEPTH (feet) FROM	TO			C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R				
											high			
0	80		X						X	Slate	Grey	Hard, tite, slatey shale, some sand		
80	84		X		X					Sand S	tan	Main water bearing sand encountered		
84	180		X						X	Slate	grey/red	Hard, tite, slatey shale		
180	182		X		X					sand	tan	minor water bearing		
182	305		X						X	Slate	Grey/red	Hard, tite, slatey shale		
305	307		X		X					sand	tan	minor water bearing		
307	365		X						X	Slate	grey/red	Hard, tite, slatey shale		

Static Water Level

Date 11-12-93

Water Level 65 feet

Flowing?

☐ Yes ☒ No

Method of Water Level Measurement Rope If Flowing, Capped Pressure \_\_\_\_\_ PSI

Point to Which Water Level Measurement was Referenced aprox 65'

Height of Water Level reference point above ground surface 18" feet Temperature NA ☐ °C ☐ °F

# Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	40	8 5/8" Steel	Sched	40	245	345	3/16" by 8"		
0	365	6" PVC	Sched	160 PSI	(Collar ends)				

Well Head Configuration: 8 5/8 casing 18" above S Access Port Provided? ☒ Yes ☐ No

Casing Joint Type: Glue and Screws Perforator Used: Circular saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	40	Oil field Cement	200 gallons	NA
0	365	gravel Pack	<div>RECEIVED</div> <div>APR 18 2000</div> <div>DIVISION OF OIL, GAS AND MINING</div>	

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
	*PG&E will complete well					

## Pump (Permanent)

Pump Description: \*PG&E will Complete Horsepower:          Pump Intake Depth:          feet

Approximate maximum pumping rate:          Well disinfected upon completion? ☐ Yes ☐ No

## Comments

Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

\*Every thing was done to PG&E specification, the drilling was very hard, lots of hard, tight, slatey shale, ruined one hard tooth bit, had to go to button bits. Also tried to talk PG&E into smaller casing, had a hard time getting pea gravel down hole, bridged off.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name Amron Drilling  
(Person, Firm, or Corporation - Print or Type)

License No. 634

Signature [Signature]  
(Licensed Well Driller)

Date 11-12-93

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

CHANGE APPLICATION: t93-91-10(91-AREA)

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Owner

Note any changes

John F. Marshall Trustee C.D. Shimmin Trust  
2002 North 1450 East Street  
Provo, UT 84604SEP 23 1993  
WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

COUNTY: Carbon  
NORTH 606 feet EAST 1894 feet from the SW Corner of  
SECTION 12, TOWNSHIP 12S, RANGE 10E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

12.5 mi. North of Price

Drillers Activity

Start Date: 6-23-93

Completion Date: 6-24-94

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM TO		BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	40	12 1/4	Rotary Air	Air - mist
40	85	7 3/8	Rotary Air	Air - mist

Well Log

DEPTH (feet) FROM TO	W A T E R	P E R M E A B L E  high low	UNCONSOLIDATED							ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
			C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R			
0	5	x								Ledge	grayish white	fractured
5	7									shale		
7	39										grayish white	bed rock
39	50									shale	red	
50	65									sandstone		
65	85	x								rock & sand	reddish	fractured (flowing)

Static Water Level

Date \_\_\_\_\_ Water Level \_\_\_\_\_ feet Flowing? ☒ Yes ☐ No

Method of Water Level Measurement \_\_\_\_\_ If Flowing, Capped Pressure \_\_\_\_\_ PSI

Point to Which Water Level Measurement was Referenced \_\_\_\_\_

Height of Water Level reference point above ground surface + 2 feet Temperature \_\_\_\_\_ ☐ °C ☐ °F

Well Log

# Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input checked="" type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	40	steel	3/8"	8 5/8"					
0	85	steel	.28	5 1/2"	70	85	1/8 x 6		20

Well Head Configuration: screen head w/ 5 1/2" packer Access Port Provided? ☒ Yes ☐ No  
 Casing Joint Type: T & C Perforator Used: torch on 5 1/2" steel

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	40	8 5/8" casing cemented in place		

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## Well Development / Pump or Bail Tests

Date	Method	Yield	Units		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			Check One	CFS		
			GPM			

## Pump (Permanent)

Pump Description: \_\_\_\_\_ Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feet  
 Approximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

Comments: Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name PARKEK AIR DRILLING  
 (Person, Firm, or Corporation - Print or Type)

License No. 374

Signature

Larry A. Parker  
 (Licensee - Well Driller)

Date 8-5-93

(well received late)

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-51-005-P-01 (a17545 -- 51-)

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OCT 14 1993

Owner

Note any changes

Rennert Investment Company Inc.  
5278 South Pinemont Suite A210  
Salt Lake City, UT 84123WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

SOUTH 3310 feet EAST 1040 feet from the NW Corner of  
SECTION 14, TOWNSHIP 12S, RANGE 4E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

Drillers Activity

Start Date:

8/24/93

Completion Date:

8/24/93

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	240	8	Rotary	Air

Well Log	DEPTH (feet) FROM	TO	W A T E R	P E R M E A B L E	UNCONSOLIDATED							CONSOLIDATED		ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
					C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R					
	0	3			X	X	X									
	3	35												Shale	Green	
	35	40	X											sandstone	white	
	40	210												shale	Gray	
	210	220	X											sandstone	white	
	220	240												shale	Gray	

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Static Water Level

Date

8/24/93

Water Level

31

feet

Flowing?

☐ Yes ☐ No

Method of Water Level Measurement

If Flowing, Capped Pressure

PSI

Point to Which Water Level Measurement was Referenced

ground

Height of Water Level reference point above ground surface

feet

Temperature

☐ °C☐ °F

Well Log

# Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	240	#40 PVC	1/40	5	20	40	1/8	5	30
					200	240	1/8	5	60

Well Head Configuration: Cup Access Port Provided? ☒ Yes ☐ No

Casing Joint Type: Glue Perforator Used: Saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	20	neet cement	4 cu ft.	
20	240	gravel	approx 1 yd	

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**DIVISION OF  
OIL, GAS AND MINING**

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
8/24	AIR	6	✓		220	2 hr.

## Pump (Permanent)

Pump Description: \_\_\_\_\_ Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feet

Approximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

Comments Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name Wuzicker & Wells  
(Person, Firm, or Corporation - Print or Type)

License No. 398

Signature W. Wuzicker  
(Licensed Well Driller)

Date 10/1/93

Well Log

## Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input checked="" type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	240	PVC	1/40	5	220	240	5' x 1/8"	5	40

Well Head Configuration: Cap Access Port Provided? ☒ Yes ☐ NoCasing Joint Type: Glue Perforator Used: Saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	20	Abandonment	4 cu ft.	<div style="text-align: center;"> <b>RECEIVED</b>  <b>APR 18 2000</b>  <b>DIVISION OF OIL, GAS AND MINING</b> </div>
20	240	Gravel	approx 1 yd.	

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
8/18/93	AIR	25	✓		200'	1 hr.

## Pump (Permanent)

Pump Description: Submersible Horsepower: 3/4 Pump Intake Depth:   feetApproximate maximum pumping rate: 20 Well disinfected upon completion? ☐ Yes ☐ No

Comments Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name

Unzicker & Wells Drilling  
(Person, Firm, or Corporation - Print or Type)

License No.

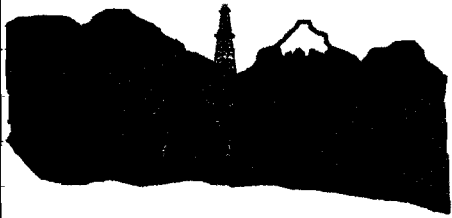
378

Signature

[Signature]  
(Licensed Well Driller)

Date

10/1/93



Utah Oil Gas and Mining

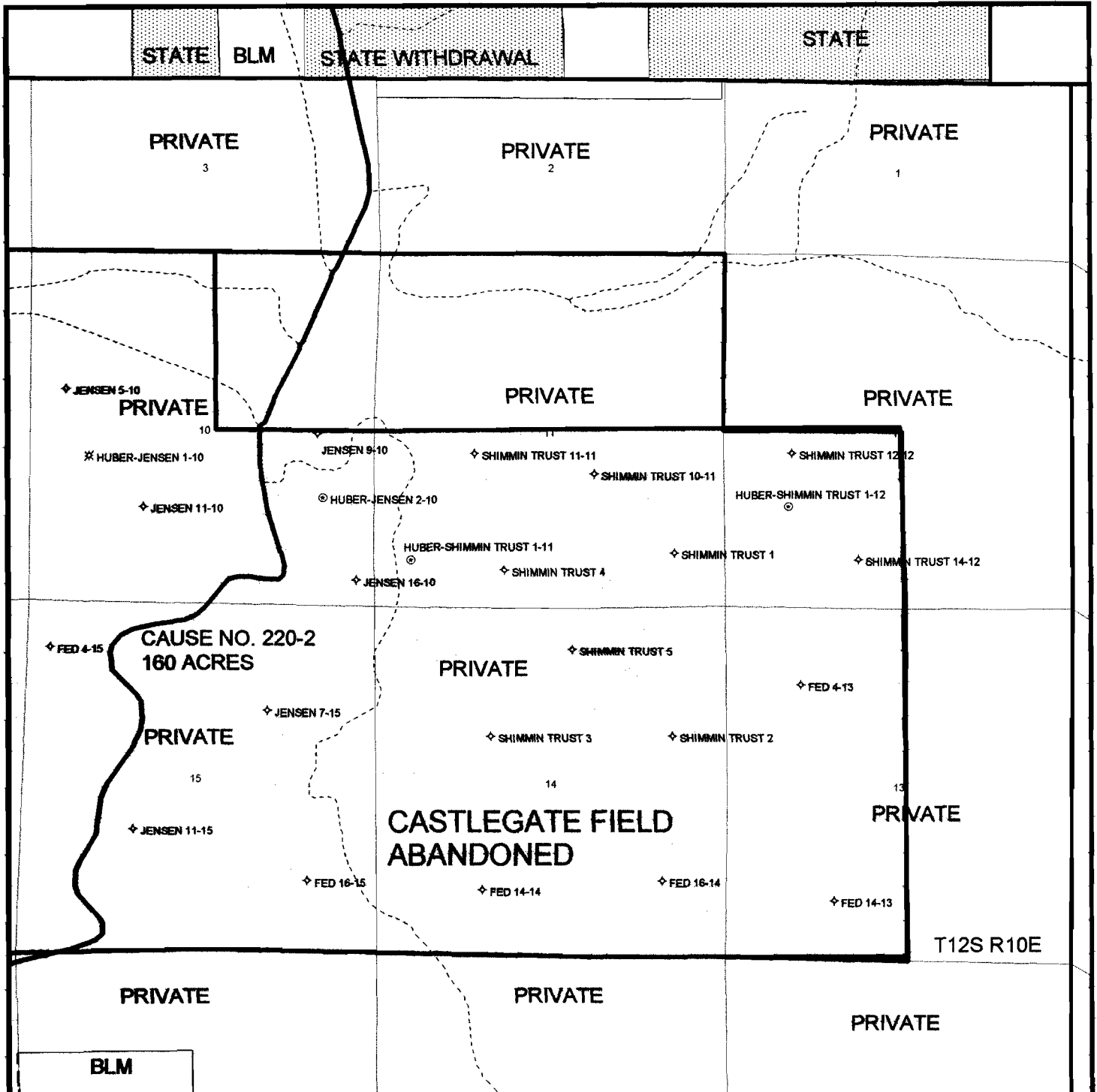
Serving the Industry, Protecting the Environment

OPERATOR: J M HUBER CORPORATION (N2380)

FIELD: CASTLEGATE FIELD (013)

SEC. 10, 11, & 12, T 12 S, R 10 E,

COUNTY: CARBON CAUSE 220-2 160 ACRES



PREPARED  
DATE: 30-Mar-2000

# State of Utah Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-91-001-P-01 (91-4950)

RECEIVED

Owner

Note any changes

PG&E Resources  
6688 North Central Expressway Suite 1000  
Dallas, TX 75206-3922

27 NOV 16 1993

WATER RIGHTS  
SALT LAKE

Contact Person/Engineer: \_\_\_\_\_

Well Location

Note any changes

NORTH 2143 feet EAST 2362 feet from the SW Corner of  
SECTION 11, TOWNSHIP 12S, RANGE 10E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) \_\_\_\_\_

Drillers Activity

Start Date: Oct 28 (approx)

Completion Date: Nov 12, 1993

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM TO		BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	40	12 3/4	Rotary	Air
40	365	7 7/8	Rotary	Air

Well Log		W A T E R	P E R M E A B L E	UNCONSOLIDATED							CONSOLIDATED	ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on <i>water quality</i> if known.)
DEPTH (feet) FROM TO				C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R				
											high			
0	80		X						X	Slate	Grey	Hard, tite, slatey shale, some sand		
80	84		X		X					Sand S	tan	Main water bearing sand encountered		
84	180		X						X	Slate	grey/red	Hard, tite, slatey shale		
180	182		X		X					sand	tan	minor water bearing		
182	305		X						X	Slate	Grey/red	Hard, tite, slatey shale		
305	307		X		X					sand	tan	minor water bearing		
307	365		X						X	Slate	grey/red	Hard, tite, slatey shale		

Static Water Level

Date 11-12-93

Water Level 65 feet

Flowing?

☐ Yes ☒ No

Method of Water Level Measurement Rope If Flowing, Capped Pressure \_\_\_\_\_ PSI

Point to Which Water Level Measurement was Referenced aprox 65'

Height of Water Level reference point above ground surface 18" feet Temperature NA ☐ °C ☐ °F

## Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	40	8 5/8" Steel	Sched	40	245	345	3/16" by 8"		
0	365	6" PVC	Sched	160 PSI	(Collar ends)				

Well Head Configuration: 8 5/8 casing 18" above S Access Port Provided? ☒ Yes ☐ NoCasing Joint Type: Glue and Screws Perforator Used: Circular saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	40	Oil field Cement	200 gallons	NA
0	365	gravel Pack		

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OIL, GAS AND MINING

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			Check One			
			GPM	CFS		
	*PG&E will complete well					

## Pump (Permanent)

Pump Description: \*PG&E will Complete Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feetApproximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

## Comments

Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

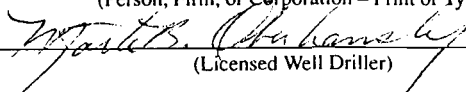
\*Every thing was done to PG&E specification, the drilling was very hard, lots of hard, tight, slaty shale, ruined one hard tooth bit, had to go to button bits. Also tried to talk PG&E into smaller casing, had a hard time getting pea gravel down hole, bridged off.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name Amron Drilling  
(Person, Firm, or Corporation - Print or Type)License No. 634

Signature

  
(Licensed Well Driller)
Date 11-12-93

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

CHANGE APPLICATION: t93-91-10 (91-AREA)

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Owner

Note any changes

John F. Marshall Trustee C.D. Shimmin Trust  
2002 North 1450 East Street  
Provo, UT 84604

SEP 23 1993

WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

COUNTY: Carbon  
NORTH 606 feet EAST 1894 feet from the SW Corner of  
SECTION 12, TOWNSHIP 12S, RANGE 10E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

12.5 mi. North of Price

Drillers Activity

Start Date: 6-23-93

Completion Date: 6-24-94

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	40	12 1/4	Rotary Air	Air-mist
40	85	7 3/8	Rotary Air	Air-mist

Well Log	DEPTH (feet) FROM	TO	W A T E R	P E R M E A B L E	UNCONSOLIDATED							CONSOLIDATED	ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
					C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R	O T H E R				
	0	5		x									Ledge	grayish white	fractured
	5	7											shale		
	7	39												grayish white	bed rock
	39	50											shale	red	
	50	65											sandstone		
	65	85	x										rock & sand	reddish	fractured (flowing)

Static Water Level

Date \_\_\_\_\_ Water Level \_\_\_\_\_ feet Flowing? ☒ Yes ☐ No

Method of Water Level Measurement \_\_\_\_\_ If Flowing, Capped Pressure \_\_\_\_\_ PSI

Point to Which Water Level Measurement was Referenced \_\_\_\_\_

Height of Water Level reference point above ground surface 12 feet Temperature \_\_\_\_\_ ☐ °C ☐ °F

Well Log

## Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input checked="" type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	40	steel	3/8"	8 5/8"					
0	85	steel	.28	5 1/2"	70	85	1/8 x 6		20

Well Head Configuration: screen head w/ 5 1/2" packer Access Port Provided? ☒ Yes ☐ No  
 Casing Joint Type: T & C Perforator Used: torch on 5 1/2" steel

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	40	8 5/8" casing cemented in place		

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## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		

## Pump (Permanent)

Pump Description: \_\_\_\_\_ Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feet  
 Approximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

Comments: Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name PARKEK AIR DRILLING License No. 374  
 (Person, Firm, or Corporation - Print or Type)

Signature

Larry A. Parker  
 (Licensee Well Driller)

Date

8-5-93

(well received later)

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-51-005-P-01 (a17545 -- 51-)

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OCT 14 1993

Owner

Note any changes

Rennert Investment Company Inc.  
5278 South Pinemont Suite A210  
Salt Lake City, UT 84123WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

SOUTH 3310 feet EAST 1040 feet from the NW Corner of  
SECTION 14, TOWNSHIP 12S, RANGE 4E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

Drillers Activity

Start Date:

8/24/93

Completion Date:

8/24/93

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:DEPTH (feet)  
FROM TOBOREHOLE  
DIAMETER (in)

DRILLING METHOD

DRILLING FLUID

0 246

8

Rotary

Air

Well Log

DEPTH (feet)  
FROM TOW  
A  
T  
E  
RP  
E  
R  
M  
E  
A  
B  
L  
E

high low

UNCONSOLIDATED  
C S S G C B O  
L I A R O O U H  
A I L N D A B B L D E  
Y T D V E L E S R

CONSOLIDATED

ROCK TYPE

COLOR

DESCRIPTIONS AND REMARKS  
(include comments on water quality if known.)

0 3

X X X

Shale

Green

3 35

35 40

X

sandstone

white

40 210

shale

Gray

210 220

X

sandstone

white

220 240

shale

Gray

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Static Water Level

Date

8/24/93

Water Level

31

feet

Flowing?

☐ Yes ☐ No

Method of Water Level Measurement

If Flowing, Capped Pressure

PSI

Point to Which Water Level Measurement was Referenced

ground

Height of Water Level reference point above ground surface

feet

Temperature

☐ °C☐ °F

Well Log

## Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	240	#40 PVC	1/40	5	20	40	1/8	5	30
					200	240	1/8	5	60

Well Head Configuration: Cup Access Port Provided? ☒ Yes ☐ No  
 Casing Joint Type: Glue Perforator Used: Saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	20	neet cement	4 cu ft.	
20	240	gravel	approx 1 yd	

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## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
8/24	AIR	6	✓		220	2 hr.

## Pump (Permanent)

Pump Description: \_\_\_\_\_ Horsepower: \_\_\_\_\_ Pump Intake Depth: \_\_\_\_\_ feet  
 Approximate maximum pumping rate: \_\_\_\_\_ Well disinfected upon completion? ☐ Yes ☐ No

## Comments

Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name

Unzicker & Wells  
 (Person, Firm, or Corporation - Print or Type)

License No.

398

Signature

[Signature]  
 (Licensed Well Driller)

Date

10/1/93

## WELL DRILLER'S REPORT

State of Utah  
Division of Water Rights

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For additional space, use "Additional Well Data Form" and attach

Well Identification

PROVISIONAL WELL: 93-51-002-P-01

(9.17458)

OCT 14 1993

Owner

Note any changes

Rennert Investment  
5278 South Pinemont Suite A210  
Salt Lake City, UT 84123

51-6485

WATER RIGHTS  
SALT LAKE

Contact Person/Engineer:

Well Location

Note any changes

NORTH 4800 feet EAST 2536 feet from the SW Corner of  
SECTION 15, TOWNSHIP 12S, RANGE 4E, SLB&M.

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #)

Drillers Activity

Start Date:

8/18/93

Completion Date:

8/18/93

Check all that apply:

☒ New ☐ Repair ☐ Deepen ☐ Abandon ☐ Replace ☐ Public Nature of Use:

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	240	8	Rotary	Air

Well Log		W A T E R	P E R M E A B L E	UNCONSOLIDATED						CONSOLIDATED		ROCK TYPE	COLOR	DESCRIPTIONS AND REMARKS (include comments on water quality if known.)
DEPTH (feet) FROM	TO			C L A Y	S I L T	S A N D	G R A V E L	C O B B L E S	B O U L D E R					
0	6			X	X									
6	28			X	X								blue	
28	32	X		X	X									4 Gpm
32	200		X									Shale	Blue	
200	211		X									Sand Stone	white	
211	225		X									Shale	Grey	
225	230	X										Sandstone		
230	240											Shale	Grey	25 Gpm

Static Water Level

Date 8/18/93 Water Level 28' feet Flowing? ☐ Yes ☐ No

Method of Water Level Measurement If Flowing, Capped Pressure PSI

Point to Which Water Level Measurement was Referenced Ground

Height of Water Level reference point above ground surface feet Temperature ☐ °C ☐ °F

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## Construction Information

DEPTH (feet)		CASING			DEPTH (feet)		SCREEN <input type="checkbox"/>	PERFORATIONS <input checked="" type="checkbox"/>	
FROM	TO	CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	FROM	TO	SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
0	240	PVC	1/40	5	220	240	5' x 1/8"	5	40

Well Head Configuration: Cap Access Port Provided? ☒ Yes ☐ NoCasing Joint Type: Glue Perforator Used: Saw

DEPTH (feet)		FILTER PACK / GROUT / PACKER / ABANDONMENT MATERIAL		
FROM	TO	ANNULAR MATERIAL, ABANDONMENT MATERIAL and/or PACKER DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	20	Grout cement	4 cu ft.	<div style="text-align: center;"> <b>RECEIVED</b>   <b>APR 18 2000</b>   <b>DIVISION OF OIL, GAS AND MINING</b> </div>
20	240	Gravel	approx 1 yd.	

## Well Development / Pump or Bail Tests

Date	Method	Yield	Units Check One		DRAWDOWN (ft)	TIME PUMPED (hrs & min)
			GPM	CFS		
8/18/93	AIR	25	✓		200'	1 hr.

## Pump (Permanent)

Pump Description: Submersible Horsepower: 3/4 Pump Intake Depth:   feetApproximate maximum pumping rate: 20 Well disinfected upon completion? ☐ Yes ☐ No

Comments Description of construction activity, additional materials used, problems encountered, extraordinary circumstances, abandonment / procedures. Use additional well data form for more space.

## Well Driller Statement

This well was drilled or abandoned under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name Unzicker & Wells Drilling

(Person, Firm, or Corporation - Print or Type)

License No. 328Signature [Signature]

(Licensee's Well Driller)

Date 10/1/93

Well name:

**4-00 JM Huber Shimmin Trust 1-12**Operator: **JM Huber Corp.**String type: **Surface**

Project ID:

**43-007-30674**Location: **Carbon Co.****Design parameters:****Collapse**Mud weight: 8.330 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 82 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 300 ft

Cement top: Surface

**Burst**Max anticipated surface  
pressure: 0 psi  
Internal gradient: 0.433 psi/ft  
Calculated BHP 216 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)Tension is based on buoyed weight.  
Neutral point: 437 ft

Non-directional string.

**Re subsequent strings:**Next setting depth: 7,500 ft  
Next mud weight: 8.330 ppg  
Next setting BHP: 3,245 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 3,865 ft  
Injection pressure 3,865 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	8.625	24.00	J-55	ST&C	500	500	7.972	24.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	216	1370	6.33	216	2950	13.64	10	244	23.24 J

Prepared RJK  
by: Utah Dept. of Natural ResourcesDate: April 27, 2000  
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**4-00 JM Huber Shimmin Trust 1-12**Operator: **JM Huber Corp.**String type: **Production**

Project ID:

43-007-30674

Location: **Carbon Co.****Design parameters:****Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 141 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 2,295 ft

**Burst**

Max anticipated surface  
pressure: 1,755 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,319 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 4,023 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4700	5.5	17.00	J-55	LT&C	4700	4700	4.767	162
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2319	4910	2.12	2319	5320	2.29	68	247	3.61 J

Prepared RJK  
by: Utah Dept. of Natural Resources

Date: April 27,2000  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

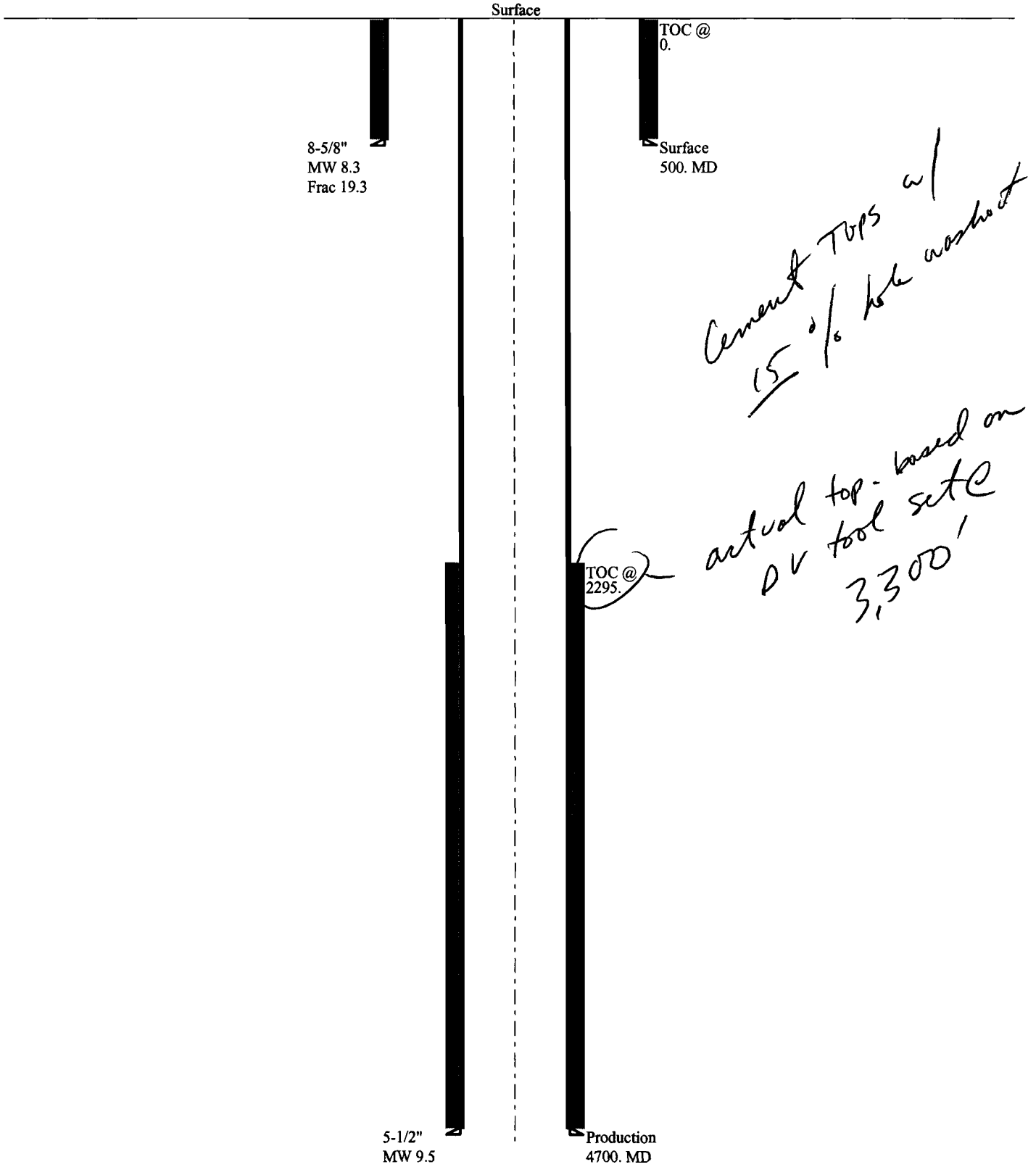
Collapse is based on a vertical depth of 4700 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

4-00 JM Huber Shimmin Truss 1-12

Casing Schematic





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

May 3, 2000

J. M. Huber Corporation  
1050 17th St, Suite 1850  
Denver CO 80265

Re: Huber-Shimmin Trust 1-12 Well, 1525' FSL, 970' FWL, NW SW, Sec. 12, T. 12S, R. 10E,  
Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the enclosed Conditions of Approval, approval to drill the referenced well is granted.

This approval will expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30674.

Sincerely,

John R. Baza  
Associate Director

er

Enclosures

cc: Carbon County Assessor

**Operator:** J. M. Huber Corporation

**Well Name & Number:** Huber-Shimmin Trust 1-12

**API Number:** 43-007-30674

**Lease:** Fee

**Location:** NW SW      **Sec.** 12      **T.** 12S      **R.** 10E

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division of the following actions during drilling of this well:

- . 24 hours prior to cementing or testing casing
- . 24 hours prior to testing blowout prevention equipment
- . 24 hours prior to spudding the well
- . within 24 hours of any emergency changes made to the approved drilling program
- . prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if the person is not available to take the call):

- . Dan Jarvis at (801)538-5338
- . Robert Krueger at (801)538-5274 (plugging)
- . Carol Daniels at (801)538-5284 (spud)

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: J M HUBER CORPORATION

Well Name: HUBER-SHIMMIN TRUST 1-12

Api No.. 43-007-30674 LEASE TYPE: FEE

Section 12 Township 12S Range 10E County CARBON

Drilling Contractor UNION DRILLING RIG # 16

SPUDDED:

Date 07/31/2000

Time 5:30 PM

How ROTARY

Drilling will commence

Reported by JOE DUNKIN

Telephone #

Date 08/01/2000 Signed: CHD

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

FORM 6

**ENTITY ACTION FORM**

Operator: J. M. Huber Corporation  
 Address: 1050 17th St. Suite 1850  
city Denver  
state CO zip 80265

Operator Account Number: N 2380

Phone Number: (303) 825-7900

## Well 1

43-007-30673	Huber Shimmin Trust 1-11	SWSW	11	12S	10E	Carbon
A	99999	12901	7/15/00	7/15/00		
Comments: 10-2-00						

## Well 2

43-007-30674	Huber-Shimmin Trust 1-12	NWSW	12	12S	10E	Carbon
A	99999	12902	7/31/00	7/31/00		
Comments: 10-2-00						

## Well 3

43-007-30717	Huber-Jensen 1-9	NWSW	9	12S	10E	Carbon
A	99999	12903	8/13/00	8/13/00		
Comments: 10-2-00						

## ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

T. Reed Scott

Name (Print)

Signature

Consulting Petroleum Engineer

Title

Date

2 Oct 2000

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for: proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Private

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CO AGREEMENT NAME:  
N/A

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
Huber-Shimmin Trust 1-12

2. NAME OF OPERATOR:  
J. M. Huber Corporation

9. API NUMBER:  
007-30674

3. ADDRESS OF OPERATOR:  
1060 17th St., #1850 CITY Denver STATE CO ZIP 80265

PHONE NUMBER:  
(303) 825-7900

10. FIELD AND POOL, OR WILDCAT:  
Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1525' FSL, 970' FWL

COUNTY: Carbon

CORNER, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 12 12S 10E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud Notification
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above mentioned well was spud on 7/31/2000

NAME (PLEASE PRINT) T. Reed Scott

TITLE Consulting Petroleum Engineer

SIGNATURE 

DATE 2 October 2000

(This space for State use only)

43-007-30674

OPERATOR  
J.M. HUBER CORPORATION  
WELL NAME  
SHIMMIN # 1-12  
LEGAL LOCATION  
SECTION 12, T12S, R10E  
COUNTY, STATE  
CARBON COUNTY, UTAH

## WEEKLY DRILLING REPORT

## PRESENT OPERATION

## DAI LY DRILLING SUMMARY

[illegible]

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY







**ENERGY**

A FAMILY OF SOLUTIONS

**J.M. Huber Corporation**

December 4, 2000

11451 Katy Freeway  
Suite 400  
Houston, TX 77079

phone: (713) 871-4545  
fax: (713) 871-4586  
e-mail: [htcdm@huber.com](mailto:htcdm@huber.com)  
[www.huber.com](http://www.huber.com)

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Form 8  
Huber-Shimmin Trust No. 1-12 (Sec. 12, T12S-R10E) *43-007-30674*  
Carbon County, Utah

Gentlemen:

Please find enclosed one original well completion report (Form 8) for the referenced well recently completed by J. M. Huber Corporation. Also enclosed are the following logs :

Thermal Multigate Decay Lithology (8/25/00) *Log filed in Log file.*  
Cement Bond Log (8/25/00)

Should you have any questions, please do not hesitate to call me at 713.871.4545 or Mr. Tom Erwin at 970.247.7708.

Very truly yours,

**J. M. HUBER CORPORATION**

*Issa D. Machon*  
Issa D. Machon  
Engineering/Geoscientist Technician  
Coalbed Methane

/im  
Enclosures

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DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____										5. LEASE DESIGNATION AND SERIAL NUMBER: Private	
<b>b. TYPE OF WORK:</b> NEW <input checked="" type="checkbox"/> HORIZ. <input type="checkbox"/> DEEP- <input type="checkbox"/> RE- <input type="checkbox"/> DIFF. <input type="checkbox"/>										6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a	
<b>2. NAME OF OPERATOR:</b> J. M. Huber Corporation										7. UNIT or CA AGREEMENT NAME n/a	
<b>3. ADDRESS OF OPERATOR:</b> Ste. 1850 1050 17th Street CITY Denver STATE CO ZIP 80265										8. WELL NAME and NUMBER: Huber-Shimmin Trust #1-12	
<b>4. LOCATION OF WELL (FOOTAGES):</b> 1525' FSL & 970' FWL										9. API NUMBER: 43-007-30674	
<b>AT TOP PRODUCING INTERVAL REPORTED BELOW:</b>										10. FIELD AND POOL, OR WILDCAT Castlegate	
<b>AT TOTAL DEPTH:</b>										11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 12-12S-10E	
<b>14. DATE SPUN:</b> 8/1/00										12. COUNTY Carbon	
<b>15. DATE T.D. REACHED:</b> 8/11/00										13. STATE UTAH	
<b>16. DATE COMPLETED:</b> 10/1/00										17. ELEVATIONS (DF, RKB, RT, GL): 7240' GL	
<b>18. TOTAL DEPTH:</b> MD 4605' KB TVD _____										20. IF MULTIPLE COMPLETIONS, HOW MANY? * None	
<b>19. PLUG BACK T.D.:</b> MD 4595' KB TVD _____										21. DEPTH BRIDGE MD PLUG SET: TVD None	
<b>22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)</b> No openhole logs. Thermal Multigate Decay Lithology (8/25/00) Rec 4-800 Cement Bond Log (8/25/00) - 11										<b>23.</b> WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	
<b>24. CASING AND LINER RECORD (Report all strings set in well)</b>											
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED		
12 1/4"	8 5/8"	24	Surface	541'		365 sx		Surface			
	J-55							(CIR)			
7 7/8"	5 1/2"	17	Surface	4605'	3810'	486 sx (1st Stage)					
	J-55					943 sx (2nd Stage)		1100' KB			
								(CBL)			
<b>25. TUBING RECORD</b>											
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 7/8"	4407'										
<b>26. PRODUCING INTERVALS</b>											
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS			
(A) Blackhawk Coal	3982' KB	4510' KB			See Attached.	0.5	4 SPF	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>			
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>			
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>			
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>			
<b>27. PERFORATION RECORD</b>											
<b>28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.</b>											
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL										
4422'-4510' KB	See attached.										
4254'-4340' KB	See attached.										
3982'-4165' KB	See attached.										
<b>29. ENCLOSED ATTACHMENTS:</b>										<b>30. WELL STATUS:</b>	
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS										Producing	
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION										Gas Well	
<input type="checkbox"/> GEOLOGIC REPORT										RECEIVED	
<input type="checkbox"/> CORE ANALYSIS											
<input type="checkbox"/> DST REPORT											
<input type="checkbox"/> DIRECTIONAL SURVEY											
<input type="checkbox"/> OTHER: _____											

## 31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/7/00	TEST DATE: 10/5/00	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF: 138	WATER – BBL: 1323	PROD. METHOD: Pumping
CHOKE SIZE:	TBG. PRESS. 55	CSG. PRESS. 260	API GRAVITY n/a	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD) KB	Bottom (MD) KB	Descriptions, Contents, etc	Name	Top (Measured Depth) KB
Blackhawk	3699	4510	Natural Gas	Price River Sandstone	2279'
Aberdeen				Castlegate Sandstone	3435'
Sandstone	4510	4605	4510-4525' Possible Gas	Blackhawk	3699'
		TD	4525-4605' Wet	Kenilworth Sandstone	4338'
				Aberdeen Sandstone	4510'

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Issa D. Machon

TITLE Engr./Geoscientist Technician

SIGNATURE

Issa D. Machon

DATE

12/1/00

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

# J. M. HUBER CORPORATION

## SHIMMIN TRUST #1 - 12 NWSW SECTION 12, T12S - R10E CARBON COUNTY, UTAH

### FIRST STAGE (4,422' - 4,510' KB)

A.	PERFORATIONS:	4,422' - 26' KB	4'
		4,444' - 50' KB	6'
		4,456' - 60' KB	4'
		4,482' - 86' KB	4'
		4,498' - 10' KB	<u>12'</u>
		TOTALS	30'

#### B. FRACTURE STIMULATION:

Acidized perforations with 1,000 gallons 15% HCL.

Fracture stimulated Blackhawk Coals (4,422' - 4,510' KB) down 5-1/2" casing with 43,000 gallons 20# Delta Frac 140 fluid with SandWedge containing 91,900 lbs 12/20 Mesh Ottawa sand. Screened out.

### SECOND STAGE (4,254' - 4,340' KB)

A.	PERFORATIONS:	4,254' - 58' KB	4'
		4,274' - 80' KB	6'
		4,290' - 94' KB	4'
		4,305' - 10' KB	5'
		4,324' - 28' KB	4'
		4,336' - 40' KB	<u>4'</u>
		TOTALS	27'

#### B. FRACTURE STIMULATION:

Acidized perforations with 750 gallons 15% HCL.

Fracture stimulated Blackhawk Coals (4,254' - 4,340' KB) down 5-1/2" casing with 38,630 gallons 20# Delta Frac 140 fluid with SandWedge containing 71,700 lbs 12/20 Mesh Ottawa sand. Screened out.

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DIVISION OF  
OIL, GAS AND MINING

### THIRD STAGE (3,982' – 4,165' KB)

A.	PERFORATIONS:	3,982' – 86' KB	4'
		4,012' – 16' KB	4'
		4,078' – 82' KB	4'
		4,088' – 96' KB	8'
		4,110' – 14' KB	4'
		4,124' – 28' KB	4'
		4,133' – 36' KB	3'
		4,160' – 65' KB	<u>5'</u>
		TOTALS	36'

#### B. FRACTURE STIMULATION:

Acidized perforations with 1,000 gallons 15% HCL.

Fracture stimulated Blackhawk Coals (3,982' – 4,165' KB) down 5-1/2" casing with 61,750 gallons 20# Delta Frac 140 fluid with SandWedge containing 200,100 lbs 12/20 Mesh Ottawa sand.

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DIVISION OF  
OIL, GAS AND MINING

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

12/1/2003

**FROM: (Old Operator):**N2380-J.M. Huber Corp  
1050 17th St, Ste. 700  
Denver, CO 80265

Phone: 1-(303) 825-7900

**TO: (New Operator):**N2545-Evergreen Operating Corp.  
1401 17th Street, Suite 1200  
Denver, CO 80202

Phone: 1-(303) 298-8100

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HUBER-JENSEN 1-4	04	120S	100E	4300730733	13068	Fee	GW	P
HUBER-JENSEN 2-8	08	120S	100E	4300730734	13275	Fee	GW	P
HUBER-JENSEN 1-8	08	120S	100E	4300730768	13359	Fee	GW	P
HUBER-JENSEN 16-9	09	120S	100E	4300730163	12904	Fee	GW	P
HUBER-JENSEN 1-9	09	120S	100E	4300730717	12903	Fee	GW	P
HUBER-JENSEN 2-9	09	120S	100E	4300730735	13317	Fee	GW	P
HUBER-JENSEN 9-10	10	120S	100E	4300730159	12906	Fee	GW	P
HUBER-JENSEN 5-10	10	120S	100E	4300730162	12905	Fee	GW	P
HUBER-JENSEN 1-10	10	120S	100E	4300730596	12611	Fee	GW	P
HUBER-SHIMMIN TRUST 2-11	11	120S	100E	4300730659	13070	Fee	GW	P
HUBER-SHIMMIN TRUST 1-11	11	120S	100E	4300730673	12901	Fee	GW	P
HUBER-SHIMMIN TRUST 1-12	12	120S	100E	4300730674	12902	Fee	GW	P
HUBER-SHIMMIN TRUST 3-14	14	120S	100E	4300730640	13069	Fee	GW	P
HUBER-SHIMMIN TRUST 4-14	14	120S	100E	4300730662	13071	Fee	GW	P
HUBER-JENSEN 1-15	15	120S	100E	4300730736	13072	Fee	GW	P
HUBER-STATE 1-16	16	120S	100E	4300730589	12610	State	GW	P
HUBER-ST 4-16	16	120S	100E	4300730785	13318	State	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/22/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/22/20043. The new company was checked on the Department of Commerce, Division of Corporations Database on: 12/29/20034. Is the new operator registered in the State of Utah: YES Business Number: 5531527-0143

5. If NO, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on:

Place

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 1/28/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2004
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
5. Injection Projects to new operator in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB0006732

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB0006706
2. The FORMER operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Private-Fee
2. NAME OF OPERATOR: J. M. Huber Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1050 17th St, Ste. 700 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1525' FSL, 970' FWL		8. WELL NAME and NUMBER: Huber Shimmin Trust 1-12
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 12 12S 10E S		9. API NUMBER: 43-7-30674
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Castlegate
STATE: UTAH		


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See Attached Sheet.

NAME (PLEASE PRINT) Robert F. Unger TITLE V. P.-Northern Business Unit of J. M. Huber Corp.

SIGNATURE  DATE 11/20/03

(This space for State use only)

RECEIVED 189c-116  
JAN 22 2004  
DIV. OF OIL, GAS & MINING

Attachment for the State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining, Form 9, Sundry Notices and Reports on Wells:

Huber Shimmin Trust 1-12

J. M. Huber Corporation has sold its interests in this well and property. The new owner will be taking on the responsibility of operator.

Name (please print) Robert F. Unger

Title: V. P.-Northern Business Unit

Signature: Robert F. Unger by

Date: 11/20/03

New owner information:

Company Name: Evergreen Operating Corp., 1401 17th Street, Ste. 1200

Denver, CO 80202

Name (please print) Kevin D. Davis

Title: Director - Mergers & Acquisitions

Signature: Kevin D. Davis

Date: 1/15/2004

New owner bond number: RLB 000 6706

## OPERATOR CHANGE WORKSHEET

## ROUTING

- |         |
|---------|
| 1. GLH  |
| 2. CDW  |
| 3. FILE |

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

The operator of the well(s) listed below has changed, effective:

**9/28/2004****FROM: (Old Operator):**

N2545-Evergreen Operating Corp.

1401 17th St, Suite 1200

Denver, CO 80202

Phone: 1-(303) 298-8100

**TO: (New Operator):**

N5155-Pioneer Natural Resources USA, Inc.

5205 N O'Connor Blvd

Irving, TX 75039

Phone: 1-(972) 444-9001

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BONANZA FED 15-27-10-25	27	100S	250E	4304734941	13840	Federal	GW	P <b>K</b>
HUBER-JENSEN 16-9	09	120S	100E	4300730163	12904	Fee	GW	P
HUBER-JENSEN 1-9	09	120S	100E	4300730717	12903	Fee	GW	P
HUBER-JENSEN 9-10	10	120S	100E	4300730159	12906	Fee	GW	P
HUBER-JENSEN 5-10	10	120S	100E	4300730162	12905	Fee	GW	P
HUBER-JENSEN 11-10	10	120S	100E	4300730164	11405	Fee	GW	P
HUBER-JENSEN 1-10	10	120S	100E	4300730596	12611	Fee	GW	P
HUBER-JENSEN 2-10	10	120S	100E	4300730675	14225	Fee	GW	DRL
SHIMMIN TRUST 11-11	11	120S	100E	4300730166	11410	Fee	GW	DRL
HUBER-SHIMMIN TRUST 2-11	11	120S	100E	4300730659	13070	Fee	GW	P
HUBER-SHIMMIN TRUST 1-11	11	120S	100E	4300730673	12901	Fee	GW	P
HUBER-SHIMMIN TRUST 1-12	12	120S	100E	4300730674	12902	Fee	GW	P
SHIMMIN TRUST 5	14	120S	100E	4300730122	14175	Fee	GW	P
HUBER-SHIMMIN TRUST 3-14	14	120S	100E	4300730640	13069	Fee	GW	P
HUBER-SHIMMIN TRUST 4-14	14	120S	100E	4300730662	13071	Fee	GW	P
FED ENI 7-1	07	130S	260E	4304731134	2840	Federal	GW	P
PINE SPRINGS 13-26-14-22	26	140S	220E	4304731074	13615	Federal	GW	P
FEDERAL 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	S
FEDERAL 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CYN 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	S
MAIN CYN 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/21/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/21/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 5738462-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on:

6b. Inspections of LA PA state/fee well sites complete on:

\*\*\*

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 10/28/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/28/2004
3. Bond information entered in RBDMS on: 10/28/2004
4. Fee/State wells attached to bond in RBDMS on: 10/28/2004
5. Injection Projects to new operator in RBDMS on: 10/28/2004
6. Receipt of Acceptance of Drilling Procedures for APD/New on: \*\*\*

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 104091293

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 104319462
2. The **FORMER** operator has requested a release of liability from their bond on: 10/21/2004  
The Division sent response by letter on: 10/28/2004

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/1/2004

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc. <i>N5155</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 5205 N. O'Connor Blvd CITY Irving STATE TX ZIP 75039		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (972) 444-9001		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

- Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004.
- See list attached for all wells currently operated under the name of Evergreen Operating (subsidiary of Evergreen Resources) as listed on the DOGM database on October 15, 2004.
- Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
- Surety Bond #104319462 (replaces RLB 0006706) attached
- Copy of Oil & Gas Geothermal Lease Bond - BLM #104091293 attached

Name: Dennis R. Carlton

Title: Executive Vice President, Evergreen Operating Corp. *N2545*

Signature: *DR Carlton*

Date: *10/18/04*

NAME (PLEASE PRINT) *Jay Still* TITLE Vice President, Western Division, Pioneer Natural Resources USA Inc.  
SIGNATURE *Jay Still* DATE *10/19/04*

(This space for State use only)

APPROVED *10/28/04*

*Earlene Russell*  
Division of Oil, Gas and Mining (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

(5/2000)

RECEIVED

OCT 21 2004

DIV. OF OIL, GAS & MINING

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER**  
**WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twps	Trpds	RngN	RngD	Qtr/Qtr
43-007-30122-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 5	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNE
43-007-30137-00-00	EVERGREEN OPERATING CORP	HUBER-FEDERAL 7-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SWNE
43-007-30138-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN 4-15	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30140-00-00	EVERGREEN OPERATING CORP	HUBER-FED 6-8	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENW
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWNW
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 16-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SESE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESW
43-007-30166-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 11-11	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	NESW
43-007-30169-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 14-12	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	SESW
43-007-30589-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30596-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NWSW
43-007-30640-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 3-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30659-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 2-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SESE
43-007-30662-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 4-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENW
<del>43-007-30663-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-ST/F 4-11</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>11</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SESE</del>
43-007-30673-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SESE
43-007-30674-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-12	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	NWSW
43-007-30675-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-10	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
<del>43-007-30706-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-JENSEN 3-10</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>10</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SWNE</del>
43-007-30717-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NWSW
43-007-30718-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-18	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NESE
43-007-30733-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-4	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SWSE
43-007-30734-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NENE
43-007-30735-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENW
43-007-30736-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-15	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30764-00-00	EVERGREEN OPERATING CORP	HUBER-J/F 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NESE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWSE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SESW
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SENW
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NESW
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	NESW
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NESE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWSW

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER  
WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-007-30647-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN/FED 4-15	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30961-00-00	EVERGREEN OPERATING CORP	STATE 11-16	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNW
43-007-30962-00-00	EVERGREEN OPERATING CORP	SHIMMIN 11-14	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNW
43-007-30786	EVERGREEN OPERATING CORP	Jensen 7-15 Deep	Gas Well	Active	WILDCAT	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30977-00-00	EVERGREEN OPERATING CORP	JENSEN 24-4	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SESW
43-007-30978-00-00	EVERGREEN OPERATING CORP	JENSEN 34-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	SWSE
43-007-30980-00-00	EVERGREEN OPERATING CORP	JENSEN 41-9	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENE
43-007-30981-00-00	EVERGREEN OPERATING CORP	JENSEN 34-10	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWSE
43-013-32308-00-00	EVERGREEN OPERATING CORP	HUBER-ST 1-35	Water Disposal Well	Active	CASTLEGATE	DUCHESNE	11S-10E	35	11	S	10	E	SW
43-013-32317-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-27	Gas Well	New Permit (Not yet approved or drilled)	WILDCAT	DUCHESNE	11S-10E	27	11	S	10	E	SWSE
<del>43-017-30404-00-00</del>	<del>EVERGREEN OIL CORP</del>	<del>POISON SPRINGS U 1 USA</del>	<del>Oil Well</del>	<del>Plugged and Abandoned</del>	<del>WILDCAT</del>	<del>GARFIELD</del>	<del>04S-12E</del>	<del>24</del>	<del>04</del>	<del>S</del>	<del>12</del>	<del>E</del>	<del>NESE</del>
<del>43-017-30408-00-00</del>	<del>EVERGREEN OIL CORP</del>	<del>POISON SPRINGS U 2 USA</del>	<del>Oil Well</del>	<del>Plugged and Abandoned</del>	<del>WILDCAT</del>	<del>GARFIELD</del>	<del>04S-12E</del>	<del>4</del>	<del>04</del>	<del>S</del>	<del>12</del>	<del>E</del>	<del>NENE</del>
43-019-30138-00-00	EVERGREEN OPERATING CORP	ANDERSON FED 2	Gas Well	Producing	EAST CANYON	GRAND	16S-24E	12	16	S	24	E	SWSW
43-019-30855-00-00	EVERGREEN OPERATING CORP	FEDERAL 24-1	Gas Well	Shut-In	EAST CANYON	GRAND	16S-24E	24	16	S	24	E	NWNE
43-019-31077-00-00	EVERGREEN OPERATING CORP	FEDERAL 1-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	NESE
43-019-31078-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	SESW
43-047-30248-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 2	Gas Well	Shut-In	BLACK HORSE CYN	UINTAH	15S-24E	29	15	S	24	E	SESE
43-047-30284-00-00	EVERGREEN OPERATING CORP	PINE SPRING U 1	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30325-00-00	EVERGREEN OPERATING CORP	RAT HOLE CYN 1	Gas Well	Shut-In	RAT HOLE CANYON	UINTAH	14S-25E	8	14	S	25	E	NWSE
43-047-30331-00-00	EVERGREEN OPERATING CORP	DRY BURN U 1	Gas Well	Shut-In	DRY BURN	UINTAH	13S-25E	29	13	S	25	E	NWSE
43-047-30332-00-00	EVERGREEN OPERATING CORP	1-L-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30460-00-00	EVERGREEN OPERATING CORP	SWEETWATER CYN 1	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	14	14	S	24	E	SWNW
43-047-30582-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 4-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SWSW
43-047-30619-00-00	EVERGREEN OPERATING CORP	CROOKED CYN 13-17-14-23	Gas Well	Producing	CROOKED CANYON	UINTAH	14S-23E	17	14	S	23	E	NWNW
43-047-30622-00-00	EVERGREEN OPERATING CORP	WOLF UNIT 3-11-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	11	15	S	21	E	SESW
43-047-30639-00-00	EVERGREEN OPERATING CORP	MAIN CYN 11-10-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	10	15	S	23	E	SESW
43-047-30674-00-00	EVERGREEN OPERATING CORP	MAIN CYN 15-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NWNE
43-047-30735-00-00	EVERGREEN OPERATING CORP	MAIN CYN 2-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	SWSE
43-047-30738-00-00	EVERGREEN OPERATING CORP	MAIN CYN 7-17-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	17	15	S	23	E	NWSE
43-047-30748-00-00	EVERGREEN OPERATING CORP	STATE 11-2-15-22	Gas Well	Plugged and Abandoned	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	SESW
43-047-30791-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 6-35-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	35	14	S	23	E	NESE
43-047-30944-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 8-36-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	36	14	S	23	E	NESE
43-047-30975-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 1-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SESE
43-047-30977-00-00	EVERGREEN OPERATING CORP	MAIN CYN 8-7-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	7	15	S	23	E	NESE
43-047-31003-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 3-26-14-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	14S-23E	26	14	S	23	E	SESW
43-047-31027-00-00	EVERGREEN OPERATING CORP	FEDERAL 6-14-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	14	15	S	21	E	NESW
43-047-31040-00-00	EVERGREEN OPERATING CORP	SWEETWATER 6-13-14-24	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	13	14	S	24	E	NESW
43-047-31041-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 16-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NENE
43-047-31042-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 7-21-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWSE
43-047-31043-00-00	EVERGREEN OPERATING CORP	MAIN CYN 4-4-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	SWSW
43-047-31045-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 14-15-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	15	15	S	24	E	NENW
43-047-31063-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 8-20-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	20	14	S	22	E	NESE

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER**  
**WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpr	Twpd	RngN	RngD	QtrQtr
43-047-31071-00-00	EVERGREEN OPERATING CORP	FEDERAL 7-15-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	15	15	S	21	E	NWSE
43-047-31072-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-3-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	3	15	S	23	E	NESW
43-047-31073-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NESW
43-047-31074-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 13-28-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	28	14	S	22	E	NWNW
43-047-31091-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-18-15-22	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-22E	18	15	S	22	E	SWSE
43-047-31096-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 9-12-14-21	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-21E	12	14	S	21	E	SENE
43-047-31104-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 12-8-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	8	15	S	24	E	SWNW
43-047-31111-00-00	EVERGREEN OPERATING CORP	MAIN CYN 16-4-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	NENE
43-047-31134-00-00	EVERGREEN OPERATING CORP	FED ENI 7-1	Gas Well	Producing	DAVIS CANYON	UINTAH	13S-28E	7	13	S	28	E	NENE
43-047-31135-00-00	EVERGREEN OPERATING CORP	STATE 8-2-15-22	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	NESE
43-047-31137-00-00	EVERGREEN OPERATING CORP	FEDERAL 5-13-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	13	15	S	21	E	NWSW
43-047-31348-00-00	EVERGREEN OPERATING CORP	FEDERAL 12-18-14-22	Gas Well	Shut-In	PINE SPRINGS	UINTAH	14S-22E	18	14	S	22	E	SWNW
<del>43-047-34874-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>PINE SPRINGS FED 9-23-14S-22E</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>PINE SPRINGS</del>	<del>UINTAH</del>	<del>14S-22E</del>	<del>23</del>	<del>14</del>	<del>S</del>	<del>22</del>	<del>E</del>	<del>SENE</del>
43-047-34875-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34876-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34841-00-00	EVERGREEN OPERATING CORP	BONANZA FED 15-27-10-25	Gas Well	Producing	UNDESIGNATED	UINTAH	10S-25E	27	10	S	25	E	NWNE
43-047-35555-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS ST 6-36-14-22	Gas Well	Spudded (Drilling commenced: Not yet completed)	UNDESIGNATED	UINTAH	14S-22E	36	14	S	22	E	NE
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Pioneer Natural Resources

3. ADDRESS OF OPERATOR:  
1401 17th St., Suite 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 298-8100

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
See attached list

9. API NUMBER:  
43-007-30674

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/13/2006	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change well name from "State Well Name" (Column 1) to "Well Name" (Column 2). See attached list for wells.

NAME (PLEASE PRINT) Kallasandra M. Boulay TITLE Engineering Analyst  
SIGNATURE  DATE 1/3/2006

(This space for State use only)

RECEIVED

JAN 06 2006

DIV. OF OIL, GAS & MINING

Pioneer Natural Resources  
1401 17th Street, Suite 1200  
Denver, Colorado 80202  
Contact: Kallasandra Boulay  
Phone: (303) 675-2719

RECEIVED  
JAN 06 2006  
DIV. OF OIL, GAS & MINING

State Well Name	Well Name	Q	S	T	R	State	County	Field	Status (State)	API #	Operator	Well Type
✓ Huber-Federal 7-9	Huber Federal 7-9-12-10	SWNE	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30137	PNR	Gas Well
✓ Huber-Jensen 1-10	Huber Jensen 1-10-12-10	NWSW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30596	PNR	Gas Well
✓ Huber-Jensen 11-10	Huber Jensen 11-10-12-10	NESW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30164	PNR	Gas Well
✓ Huber-Jensen 1-15	Huber Jensen 1-15-12-10	SWNE	15	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30736	PNR	Gas Well
✓ Huber-Jensen 1-4	Huber Jensen 1-4-12-10	SWSE	4	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30733	PNR	Gas Well
✓ Huber-Jensen 16-9	Huber Jensen 16-9-12-10	SESE	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30163	PNR	Gas Well
✓ Huber-Jensen 1-8	Huber Jensen 1-8-12-10	NESE	8	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30768	PNR	Gas Well
✓ Huber-Jensen 1-9	Huber Jensen 1-9-12-10	NWSW	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30717	PNR	Gas Well
✓ Huber-Jensen 2-8	Huber Jensen 2-8-12-10	NENE	8	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30734	PNR	Gas Well
✓ Huber-Jensen 2-9	Huber Jensen 2-9-12-10	NENW	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30735	PNR	Gas Well
✓ Huber-Jensen 5-10	Huber Jensen 5-10-12-10	SWNW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30162	PNR	Gas Well
✓ Huber-Jensen 9-10	Huber Jensen 9-10-12-10	NESE	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30159	PNR	Gas Well
✓ Huber-Shimmin Trust 1-11	Huber Shimmin Trust 1-11-12-10	SWSW	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30673	PNR	Gas Well
✓ Huber-Shimmin Trust 1-12	Huber Shimmin Trust 1-12-12-10	NWSW	12	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30674	PNR	Gas Well
✓ Huber-Shimmin Trust 2-11	Huber Shimmin Trust 2-11-12-10	SESE	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30659	PNR	Gas Well
✓ Huber-Shimmin Trust 3-14	Huber Shimmin Trust 3-14-12-10	SENE	14	12S	10E	Utah	Carbon	Castlegate	SI	43-007-30640	PNR	Gas Well
✓ Huber-Shimmin Trust 4-14	Huber Shimmin Trust 4-14-12-10	SENE	14	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30662	PNR	Gas Well
✓ Huber-State 1-16	Huber State 1-16-12-10	NWNE	16	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30589	PNR	Gas Well
✓ Huber -St 4-16	Huber State 4-16-12-10	SENE	16	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30785	PNR	Gas Well
✓ Jensen 7-15 Deep	Jensen Deep 7-15-12-10	SWNE	15	12S	10E	Utah	Carbon	Castlegate	TA	43-007-30786	PNR	Gas Well
✓ Shimmin Trust 11-11	Shimmin Trust 11-11-12-10	NESW	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30166	PNR	Gas Well
✓ Shimmin Trust 14-12	Shimmin Trust 14-12-12-10	SESW	12	12S	10E	Utah	Carbon	Castlegate	XX	43-007-30169	PNR	Gas Well
✓ Shimmin Trust 5	Shimmin Trust 5-14-12-10	NWNE	14	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30122	PNR	Gas Well
✓ Huber-St 1-35	Huber State 1-35-12-10 WDW	SWSW	35	12S	10E	Utah	Duchesne	Castlegate	Active	43-013-32308	PNR	WDW
✓ Anderson Fed 2	Anderson Federal 2-12-16S-24E	SWSW	12	16S	24E	Utah	Grand	East Canyon	PR	43-019-30136	PNR	Gas Well
✓ Federal 1-34	Bryson Canyon Federal 1-34-16S-24E	NESE	34	16S	24E	Utah	Grand	Bryson Canyon	PR	43-019-31077	PNR	Gas Well
✓ Federal 2-34	Bryson Canyon Federal 2-34-16S-24E	SESW	34	16S	24E	Utah	Grand	Bryson Canyon	PR	43-019-31078	PNR	Gas Well
✓ Federal 24-1	East Canyon Federal 24-1-16S-24E	NWNE	1	16S	24E	Utah	Grand	East Canyon	PA	43-019-30955	PNR	Gas Well
✓ Black Horse 2	Black Horse 2 1-29-15S-24E	SESE	29	15S	24E	Utah	Uintah	Black Horse Canyon	SI	43-047-30248	PNR	Gas Well
✓ Fed ENI 7-1	Davis Canyon Federal ENI 7-1-13S-26E	NENE	1	13S	26E	Utah	Uintah	Davis Canyon	SI	43-047-31134	PNR	Gas Well

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Private
2. NAME OF OPERATOR: Pioneer Natural Resources		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th St., Suite 1200 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1525' FSL & 970' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 12 12S 10E		8. WELL NAME and NUMBER: Huber Shimmin Trust 1-12-12-10
PHONE NUMBER: (303) 675-2719		9. API NUMBER: 4300730674
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Castlegate
STATE: UTAH		

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/1/2004	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Pioneer Natural Resources (formerly Evergreen Operating Corp. and operator at time of work) fracture treated this well in 2004.

6/04-7/04 Fracture stimulate in 6 stages from 3982' - 4510' with 132 perfs, 62,000 lbs of 16/30 sand, 983.4 bbl water, 1,361,100 scf N2.

NAME (PLEASE PRINT) Kallasandra M. Boulay

TITLE Engineering Analyst

SIGNATURE



DATE 1/31/2006

(This space for State use only)

FEB 06 2006



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 3, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6183

Ms. Joy Ziegler  
Pioneer Natural Resources  
1401 17<sup>th</sup> ST., Suite 1200  
Denver, CO 80202

43 007 30674  
Shimmin Trust 1-12-12-10  
12S 10E 12

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Ms. Ziegler:

As of July 2008, Pioneer Natural Resources (Pioneer) has three (3) State Mineral Lease Wells and six (6) Fee Lease Wells (see attachment A) in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

Three of these wells have a dated history and a first notice has previously been sent out in regards to their SI/TA status. They are as follows: The State 21-10 well (API# 43-019-31390) - extended SI/TA status was requested by letter dated November 17, 2006. Extension was granted until August 1, 2007. The Division has received no further requests or information on this well. The Main CYN ST 8-2-15-22 well (API# 43-047-31135) - by sundry dated April 10, 2006 Pioneer said it planned to return the well to production. No production reports have been received to date. This well remains SI/TA. The Shimmin Trust 14-12-12-10 well (API# 43-007-30169) - by sundry dated January 25, 2006, Pioneer planned to Plug and Abandon (P&A) this well in early spring of 2006. Approval to P&A this well was given with conditions at that time. This well is still being reported as SI/TA. This is a Second Notice of Non-compliance for these three wells. Please address these matters promptly or a Notice of Violation will be issued. Please submit your plans to produce or plug the other 6 wells referenced in attachment A as well or further actions will be initiated.



For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

JP/js  
Enclosure

cc: Jim Davis, SITLA  
Wells File  
Compliance File

## ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	CASTLEGATE ST 11-16H	43-007-30961	ML-44443	2 Years 1 Month
2	STATE 21-10	43-019-31390	STATE	5 Years 9 Months
3	MAIN CYN ST 8-2-15-22	43-047-31135	STATE	26 Years 10 Months
4	SHIMMIN TRUST 14-12-12-10	43-007-301-69	FEE	7 Years 4 Months
5	SHIMMIN TRUST 3-14-12-10	43-007-30640	FEE	3 Years 2 Months
6	SHIMMIN TRUST 1-12-12-10	43-007-30674	FEE	1 Year 5 Months
7	JENSEN 2-10-12-10	43-007-30675	FEE	4 Years 0 months
8	SHIMMIN 11-14	43-007-30962	FEE	4 Years 0 Months
9	ATCHEE CANYON 25-12-25 #4	43-047-35830	FEE	2 Years 11 Months

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th Street - Ste 1200 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 675-2663		8. WELL NAME and NUMBER: Shimmin Trust 1-12-12-10
4. LOCATION OF WELL FOOTAGES AT SURFACE: 970' FWL & 1525' FSL		9. API NUMBER: 4300730674
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 12 12S 10E		10. FIELD AND POOL, OR WILDCAT: U/P Castlegate
COUNTY: Carbon		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Extend SI Status</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Pioneer requests an extension to the SI status on the Shimmin Trust 1-12-12-10 well. We are currently writing a procedure to recomple the well. Recompletion is planned for 2010.

We propose to run a MIT to prove the well integrity as stated in Rule R649-3-36-1.3. Plans are to run the MIT in late spring early summer 2009 when weather and road conditions allow.

The MIT procedure will be as follows:

- 1) MIRU water truck w/triplex pump
- 2) Install chart recorder on wellhead & second line on annulus
- 3) Load well with formation water
- 4) Pressure up to 1000 psi & SI pump
- 5) Record pressure for 30 minutes
- 6) RD & release pump truck

MIT results will be forwarded to UDOGM via the field

COPY SENT TO OPERATOR

Date: 3-26-2009

Initials: KS

NAME (PLEASE PRINT) <u>Joy A. Ziegler</u>	TITLE <u>Senior Engineering Tech</u>
SIGNATURE <u>Joy A. Ziegler</u>	DATE <u>3/18/2009</u>

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3/25/09

BY: D. Stuker (See Instructions on Reverse Side)

(5/2000)

\* Valid through 7/1/09 to allow time for MIT

RECEIVED

MAR 23 2009

DIV. OF OIL, GAS & MINING

State Wellbore Rpt

Well Name: Shimmin Trust 1-12-12-10

Western Division

Well Profile: VERTICAL - Original, 3/19/2009 11:22:12 AM		Area Block Number		County		State	
Schematic - Actual		CASTLEGATE		CARBON		UTAH	
ftKB (MD)		KB-Grd (ft)	Orig KB Elev (ft)	Gr Elev (ft)	Total Depth (ftKB)	Spud Date	
		13.00	7,253.00	7,240.00	4,605.0	7/31/2000	
		QTR/QTR	Section	Township	Range		
		NWSW	12	12S	10E		
		API/UWI		Operator			
		43-007-30674-0000		PIONEER NATURAL RESRC USA INC			
Perforations							
		Top (ftKB)	Btm (ftKB)		Zone		
		3,699.0	4,510.0		Aberdeen, Original		
		4,510.0	4,605.0		Aberdeen, Original		
Wellbores							
Wellbore Name							
Original							
		Size (in)	Act Top (ftKB)		Act Btm (ftKB)		
		12 1/4	0.0		541.0		
		7 7/8	541.0		4,605.0		
PBTDs							
		Date	Depth (ftKB)				
			0.0				
Tubing Strings							
		Run Date	Set Depth (ftKB)	Pull Date	Cut Pull Date	Depth Cut Pull (ft...	
		8/12/2005	4,553.7				
Tubing Components							
		Top (ftKB)	Btm (ftKB)	Grade	OD (in)	ID (in)	Wt (lbs/ft)
		13.0	13.6		2 7/8		
		13.6	3,939.0	J-55	2 7/8	2.441	6.50
		3,939.0	3,941.7		2 7/8		
		3,941.7	4,515.5	J-55	2 7/8	2.441	6.50
		4,515.5	4,516.6		2 7/8		
		4,516.6	4,549.0	J-55	2 7/8	2.441	6.50
		4,549.0	4,553.2	J-55	2 7/8	2.441	6.50
		4,553.2	4,553.7	J-55	2 7/8	2.441	6.50
Casing Strings							
Surface, 541.0ftKB							
		Run Date	Comment				
		8/2/2000					
		OD (in)	Item Description	Btm (ftKB)	Jts	ID (in)	Wt (kips)
		8 5/8	Casing Joints	541.0	13	8.097	13.0
							Grade
							J-55
Production, 4,605.0ftKB							
		Run Date	Comment				
		8/12/2000					
		OD (in)	Item Description	Btm (ftKB)	Jts	ID (in)	Wt (kips)
		5 1/2	Casing Joints	4,605.0	111	4.892	78.3
							Grade
							J-55
Cement							
Surface Casing Cement, casing, <Start Date?>							
		Description	Start Date	End Date	String	Type	
		Surface Casing Cement			Surface, 541.0ftKB	casing	
1, 0.0-541.0ftKB							
		Stage Number	Top (ftKB)	Bottom (ftKB)	Full Return?		
		1	0.0	541.0			
		Class	Amount (sacks)	Density (lb/gal)	Yield (ft³/sack)		
		Mix H2O Ratio (gal/sack)	Yield (ft³/sack)				
		Add	Amount	Amt Units	Conc Units	Conc	
Production Casing Cement, casing, <Start Date?>							
		Description	Start Date	End Date	String	Type	
		Production Casing Cement			Production, 4,605.0ftKB	casing	
1, 0.0-4,605.0ftKB							
		Stage Number	Top (ftKB)	Bottom (ftKB)	Full Return?		
		1	0.0	4,605.0			
		Class	Amount (sacks)	Density (lb/gal)	Yield (ft³/sack)		
		Mix H2O Ratio (gal/sack)	Yield (ft³/sack)				
		Add	Amount	Amt Units	Conc Units	Conc	
Jobs							
		Job Category	Primary Job Type			Start Date	End Date
		WORKOVER	CLEAN-OUT				
Job Summary							
Remove rods & tbgs, clean fill, acidize formation, replace tbgs & rods and return well to production.							
Daily Operations							
		Start Date	Summary				
		Job Category	Primary Job Type			Start Date	End Date
		DEVELOPMENT	ORIG DRILL & COMPLETE			8/1/2000	12/29/2000
Job Summary							
Daily Operations							
		Start Date	Summary				
		8/1/2000					
		8/2/2000					
		8/3/2000					
		8/4/2000					

-1

0

13

13

30

541

1,604

3,699

3,939

3,942

4,405

4,505

4,510

4,515

4,517

4,534

4,549

4,553

4,554

4,605

1-1, Tubing Hanger, 2 7/8, 13, 0.6

1-1, Casing Joints, 8 5/8, 8.097, 0, 541.0

1-2, Tubing, 2 7/8, 2.441, 14, 3,925.4

1-3, Anchor/catcher, 2 7/8, 3,939, 2.8

Conventional Perf, 3,699-4,510, 10/1/2000

1-4, Tubing, 2 7/8, 2.441, 3,942, 573.8

1-5, Pump Seating Nipple, 2 7/8, 4,516, 1.1

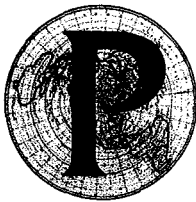
1-6, Tubing, 2 7/8, 2.441, 4,517, 32.4

1-7, Perforated Joint, 2 7/8, 2.441, 4,549, 4.2

1-8, Notched Collar with Pin, 2 7/8, 2.441, 4,553, 0.5

Conventional Perf, 4,510-4,605, 10/1/2000

2-1, Casing Joints, 5 1/2, 4.892, 0, 4,605.0



**PIONEER**  
NATURAL RESOURCES USA, INC.

October 8, 2008

Dustin K. Doucet  
Petroleum Engineer  
State of Utah  
Division of Oil, Gas & Mining  
1594 West North Temple – Suite 1210  
Salt Lake City, Utah 84114-5801

43 007 30674  
12S 10E 12

RE: Extended SI and TA Well Requirements for Wells on Fee or State Leases

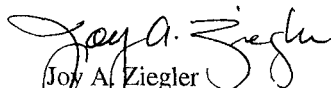
Dear Mr. Doucet,

In response to your letter dated September 3, 2008 and our telephone conversation of October 1, 2008 – Pioneer proposes the following actions:

1. Castlegate St 11-16H: Due to 320 spacing – the well has been SI so the 4-16 well could be produced – The recent hearing on September 24, 2008 reduced spacing to 2 wells per 160 acres in the NW/4 of Sec. 16 – Cause No. 220-08 – Plans are to produce well
2. State 21-10: Well remains SI due to no pipeline
3. Main Canyon St 8-2-15-22 – Writing procedure and securing funding to make necessary repairs and workover – will proceed after weather permits in the late spring of 2009.
4. Shimmin Trust 14-12-12-10 – Will P&A in spring of 2009 – when weather permits – Pioneer will place this well on their priority list to be the 1<sup>st</sup> well plugged
5. Shimmin Trust 3-14-12-10 – Will P&A in spring of 2009 – when weather permits
- 6. Shimmin Trust 1-12-12-10 – H2S present SI and locked out – Waiting on full development of field to deal with sour gas
7. Jensen 2-10-12-10 – Surface casing set, was not drilled – will add to our 2010 drilling program
8. Jensen 11-14 - Surface casing set, was not drilled – will add to our 2010 drilling program
9. Atchee #4-25-12-25 – Plan to P&A in 2010

If you have any questions, please contact the undersigned at 303-675-2663, Steve Schreck, Engineering Compliance Supervisor at 303-675-2782 or Bob Sencenbaugh, Staff Operations Engineer at 303-675-2650 – or the letterhead address.

Yours truly,

  
Joy A. Ziegler  
Senior Engineering Tech

RECEIVED  
OCT 09 2008  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> SHIMMIN TRUST 1-12-12-10			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1525 FSL 0970 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 12 Township: 12.0S Range: 10.0E Meridian: S		<b>9. API NUMBER:</b> 43007306740000			
<b>PHONE NUMBER:</b> 303 298-8100 Ext		<b>9. FIELD and POOL or WILDCAT:</b> CASTLEGATE			
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/11/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: MIT         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: MIT
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: MIT			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> UDOGM approval was received on 3/25/09 to MIT the subject well. Pioneer would like to start the MIT immediately upon approval of this amended sundry which also is requesting approval to plug and abandon immediately following the MIT if it fails. If the MIT passes we would like to extend the SI status to recomplete the well in 2010-11 schedule. Attached is the MIT procedure along with the proposed plugging and abandonment procedure					
<b>Approved by the Utah Division of Oil, Gas and Mining</b> <b>Date:</b> <u>September 10, 2009</u> <b>By:</b> <u><i>Dark K. Duff</i></u>					
<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler		<b>PHONE NUMBER</b> 303 675-2663			
<b>TITLE</b> Senior Engineering Tech		<b>DATE</b> 9/10/2009			
<b>SIGNATURE</b> N/A					



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43007306740000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 3. Add Plug #2: A 100' (12 sx) plug shall be balanced across the top of the Mesaverde formation from 2300' to 2200' to isolate the Mesaverde (TOC on 5 1/2" @ 1100').**
- 4. Amend Plug #3 (Step # 13): This plug shall be an inside outside plug and the minimum required plug is described as follows: Perf 5 1/2" casing @ 590'. Establish circulation through perfs. If injection is establishe set CICR @ 540' (50' above the perfs), M&P 32 sx cement, sting into CICR pump 26sx, sting out and dump 5 sx on top of CICR. This will isolate the base of the surface casing shoe and fresh water wells as required by R649-3-24-3.3 and 3.6.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** September 10, 2009  
**By:** Dustin Doucet

9/10/2009

## Wellbore Diagram

r263

API Well No: 43-007-30674-00-00

Permit No:

Well Name/No: SHIMMIN TRUST 1-12-12-10

Company Name: PIONEER NATURAL RESOURCES USA, INC

Location: Sec: 12 T: 12S R: 10E Spot: NWSW

Coordinates: X: 520944 Y: 4404814

Field Name: CASTLEGATE

County Name: CARBON

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	541	12.25		
SURF	541	8.625	24	541
HOL2	4605	7.875		
PROD	4605	5.5	17	4605
TI	4407	2.875		

Capacity  
(f/cf)

7.661

5.192

4.0936

Plug #4 (Step #14, 15)

100' = 12.5x

Annuli 100' = 18.5x

Cement from 541 ft. to surface

Surface: 8.625 in. @ 541 ft.

Hole: 12.25 in. @ 541 ft.

8 5/8" x 5 1/2"

7 7/8" x 5 1/2" (10%)

Amend Plug #3 (Step #13)

Should be inside/outside plug  
perforated est. circ. set circ @ 540'

Outside

Below shoe 50' / (1.15) (4.0936) = 11.5x

Shoe

Above shoe 50' / (1.15) (5.192) = 9.5x

Inside

Below circ 50' / (1.15) (7.661) = 6.5x

Above circ

50' = 0.5x

32.5x required

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	4605	1100	UK	1429
SURF	541	0	UK	365

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
3982	4510			

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: September 10, 2009

By: Dark K. Dunt

## Formation Information

Formation	Depth
PRRV	2279
CSLGT	3435
BLKHK	3699

Cement from 4605 ft. to 1100 ft.

Tubing: 2.875 in. @ 4407 ft.

Production: 5.5 in. @ 4605 ft.

Hole: 7.875 in. @ 4605 ft.

4510'

TD: 4605 TVD: PBTD: 4595

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> PIONEER NATURAL RESOURCES USA, INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1401 17th Street, Suite 1200 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> SHIMMIN TRUST 1-12-12-10
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1525 FSL 0970 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 12 Township: 12.0S Range: 10.0E Meridian: S		<b>9. API NUMBER:</b> 43007306740000
<b>PHONE NUMBER:</b> 303 298-8100 Ext		<b>9. FIELD and POOL or WILDCAT:</b> CASTLEGATE
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 9/16/2009	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>ALTER CASING</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>OTHER</b>	
	<input type="checkbox"/> <b>CASING REPAIR</b>	
	<input type="checkbox"/> <b>CHANGE WELL NAME</b>	
	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
	OTHER: _____	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
9/14/09 - 9/16/09: MIRU, set CIBP @ 3806' - RU Pioneer Well Service cement crew. Pumped 15 sx (3 bbls) Class G w/CaCl cmt on top of plug. Pumped a balance plug @ 2300'. Tagged balance plug @ 2100'. POH & RU Wireline & shot perfs @ 590' - ran CIBP & tried to squeeze, pressured up reverse circ. RIH to 100' & pumped cmt to surface. UDOGM Rep Mark witnessed & approved P&A. Dry hole marker set to state specifications. work done & location has been reseeded. Cement Treatment Report attached.		
<b>NAME (PLEASE PRINT)</b> Joy A. Ziegler	<b>PHONE NUMBER</b> 303 675-2663	<b>TITLE</b> Senior Engineering Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/6/2009

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 06, 2009